



***Current Open Positions in EDA/SEMI & Internet-IOT and more in R&D, Applications Support, Design and Sales, as of 2/1//2019...***

**Senior Software Engineering Manager/Director Valley or Austin #5112**

Excellent opportunity to lead/drive a team of next-gen SW for a company that generates IP for Hardware. This very successful company has a management position that reports directly to the VP of Engineering, so it requires...

**Software Developer "Internet/IOT" RTP NC preferred...Other locations an option #5109**

This very high profile public company is developing a new Web based Big Data product as a standalone and for their extensive lineup of software and hardware tools. This new tool will push massive amounts of data to be extracted for their geometric simulations

**Senior SW Engineer...Full Stack-Web Development...EDA a+...Valley, Austin (but other locations an option)... #5091**

This quite successful company with a wonderful group of people with offices in the Valley and India, is looking for a Senior Web Development Engineer, with 5+ years' experience. The right person will be someone who can collaborate with business team and designers to translate product requirements into smooth user experiences. Experience in backend frameworks such as Django/Python, Ruby on Rails and frontend technologies such as AngularJS, Angular is required. ..

**Senior R&D UI Engineer #5097 Boston Area**

My client is a highly successful public company in need of a Senior Software Developer, for their 3D modeling works group. As such, you will be part of the team responsible for research, design, maintenance, development and integration of the UI and application code for several applications...

**Software Frond End INTERNET-IOT #5088**

They are looking for someone with Software engineering and architecture experience...2+ years of Web-based software and Full-stack web development experience, and the latest "best practices" in Web technologies. The right candidate is UI knowledgeable...

**Senior Product Specialist Silicon Valley West Coast #5124**

My client is a powerhouse in the area of Power. They are seeking a Senior Product Specialist serves as a technical expert on semiconductor RTL and Gate Level Power Analysis products and collaborates with R&D and field team on new features, beta evals, and supports Field AE's on new feature deployment and works on the development of the next-gen of their Power products.

**Senior SW Tools Engineer East Coast #5114**

This extremely high profile company seeks an experienced tools engineer for their Electronics Development Services area. This team is focused on advancing their continuous deployment evolution to significantly improve development productivity

[Software Developer/Build Engineer East Coast #5122](#)

My client is a public company with significant international presence. They are looking for a Senior SW Build Engineer will be responsible for managing and implementing all phases of build, release and environment management for a distributed team developing engineering software. Duties also include developing and maintaining custom tools/scripts and integrating Open Source tools.

[Senior C++ Architect...EDA and Internet experience...Valley or Austin \(Remote possible\)...#5036](#)

My client is a long-standing, very successful, (somewhat) smaller company that still maintains a Start-up culture. This position is for a Senior R&D Engineer with a strong C/C++ and some EDA background. They seek someone to architect, design and develop major components of their design data management and collaboration platform.

[Senior Product Specialist...Power...San Jose...#5124](#)

[SW Developer Openings...Platform and Compiler...#5096 \\*\\*\\*New Start-up\\*\\*\\*](#)

This client is an exciting new Start-up offering a terrific opportunity, for several SW developers. You will be at the forefront of a new and exciting company where you can grow your development skills, by being a part of a team building a custom hardware platform, specifically designed for autonomous vehicles, This is (In effect) an SOC Super-Computer architecture.

[Software PLATFORM Lead San Francisco Bay Area...# 5096-A](#)

[Software Compiler Developer...San Francisco Bay Area...#5096-B](#)

[Software Intern... Robotics...San Francisco Bay Area #5096-C](#)

[Hardware Intern- Computer Architecture...SF Bay Area...#5096-D](#)

[Senior FAE Power Front-end Power and Physical Valley #5103](#)

The Senior Applications Engineer will apply their knowledge and experience in the areas of RTL design, RTL and gate level power analysis and reduction, high level synthesis, functional verification, emulation, logic synthesis, formal verification and/or high-speed VLSI design, power-grid extraction, timing analysis

[Senior FAE- Field Applications Engineer...Verification Silicon Valley... Req # 5119](#)

Want to work for a smaller company, where you play a more significant role? Is working from a home base interesting? My client serves the Semiconductor SOC market and their customers include the biggest names in system and semiconductors, (Apple, Google, Cisco, Qualcomm, Broadcom, Intel, AMD, Western Digital, etc.) in the industry. Their products are predominantly verification IP for ASICs and (SoC's)...

[Senior FAE Power Front-end Power and Physical Valley #5105](#)

The Senior Applications Engineer will apply their knowledge and experience in the areas of RTL design, custom circuit analysis, high-speed VLSI design, standard cell physical layout, power-grid extraction, timing analysis, noise analysis, and voltage drop effects with various CAD tools to solve problems in complex System-on-Chip (SoC).

[Senior Product Specialist Silicon Valley #5124](#)

My client is seeking a Senior Product Specialist serves as a technical expert on semiconductor RTL and Gate Level Power Analysis products and collaborates with R&D and field team on new features, beta evals, and supports Field AE's on new feature deployment and works on the development of the next-gen of their Power products.

[Senior Account Manager, Design Services Valley preferred #5098](#)

This Successful, reputable, Design Services Company seeks an experienced Sales person with "established" contacts with major clients. They are a highly successful respected Services Company with the ability to deliver large projects. Successful candidate should have a strong book of contacts with the MAJOR houses...

**R&D S/W Development Openings...EDA/INTERNET-IOT/SEMI +**

**Senior Software Engineering Manager/Director SW/HW Valley or Austin #5112**

Excellent opportunity to lead/drive a team of next-gen SW for a company that generates IP for Hardware. This very successful company has a management position that reports directly to the VP of Engineering, so it requires a dynamic and self-motivated individual with excellent organizational and technical skills, who can effectively communicate across all levels of management. You will manage a team of about 10-12 engineers and outside contract engineers.

The ideal candidate will be an experienced leader who is visionary, strategic, technology savvy and skilled in contemporary software technologies and architectures.

This SW manager will assist in the implementation of short and long term projects to achieve strategic company goals, own and drive both development and quality of engineering across multiple development teams, and interact with the executive management staff to ensure said objectives are met.

In this position, you will manage their SW team including UI, database, hardware language and other software functions. You will have knowledge of two major components...Graphical Front End...QT... and Tcl front end.

Specific responsibilities include:

- Collaborate with other engineering leaders in the evaluation and selection of high-level language for the description/design of their next-generation interconnect IP. Specify and/or create tools and environment for the development of interconnect IP elements.
- Create the customer-facing UIs, tools and environment that allow customers to configure, verify, simulate, tune, and instantiate their interconnect IP. Specify and/or create tools, environments and models for system level modelling and simulation.
- Functional and performance simulation of full interconnect solution using both transaction-level TLM and processor/software-driven models
- Contribute both individually and as a leader to the software team and develop team members and mentor more junior ones

Knowledge of modern software development methodologies (eg Agile/Scrum), configuration/release management and quality assurance

- Strong background in software development in connection with delivery of hardware and/or IP products, including internal tools/environments for hardware development and/or customer-facing UIs/tools/environments (eg EDA or EDA-like software)
- In-depth knowledge of at least one modern object oriented language such as C++, Java, Python.
- Familiarity with software modelling/simulation of hardware utilizing SystemC and/or TLM
- Knowledge of scripting languages; i.e., Python, Tcl, Perl, Ruby, et. al.
- Graph theory optimization and Algorithm development

Experience:

- **BS/MS in Computer Science; or in another engineering/technical discipline with equivalent experience** Minimum 10 years industry experience, ideally with SoC/IP experience Minimum 5 years' experience as a software engineering director or senior manager Track record of successful delivery of internal and/or external software products Prior start-up experience

**Desirable:**

- Familiarity with model-driven software architectures and frameworks such as Eclipse Modelling Framework (EMF) Familiarity with ARM/MIPS processors/architectures/ecosystems, standard third-party IP interfaces, and/or chip/SoC design Knowledge of cache coherency in multi-processor systems
- Experience working from a "blank sheet of paper" Experience with development/delivery of software in support of chip, SOC and/or chip IP design

**Sr. Software Internet Architect RTP NC preferred Other locations possible #5109**

This very high profile public company is developing a new Web based Big Data product as a standalone and for their extensive lineup of software and hardware tools. This new tool will push massive amounts of data to be extracted for their geometric simulations and much more. The right candidate will need both front and backend skills, with extensive full stack knowledge all the way to AWS. The primary skills are Javascript, Python and Django.

**Primary Responsibilities....**

- Participate in the design and development of app hosted and web-based technologies focused on 2D and 3D visualization.
- Optimize code and develop parallel solution to data access and computational scalability.
- Work with manager and others to define and implement new capabilities. Once projects are defined, the engineer should be able to deliver medium sized projects with minimal input from others.
- Deliver code that meets requirements on schedule. Ensure that code is efficient, scalable, maintainable, extensible, robust and easy to understand.
- Create unit regression and/or system-level tests to thoroughly validate new features or changes.
- Understand and demonstrate best practices in software engineering.

**Other PREFERRED QUALIFICATIONS**

- Experience in 3D mesh processing algorithms
- Strong background in data structures, algorithms and debugging
- Solid working in web frameworks and deployment strategies...Nginx Django REST api
- Cross-platform GUI development using Qt and embedded Python
- Experience with high performance parallel I/O solutions
- Working experience with scalable, spatial statistical modeling techniques and WebGL and higher-level 3D web-based graphics frameworks

[\*Senior SW Engineer...Full Stack-Web Development...EDA a+... Valley, Austin \(but remote locations an option\)... #5091\*](#)

This quite successful company with a wonderful group of people with offices in the Valley and India, is looking for a Senior Web Development Engineer, with 5+ years' experience. The right person will be someone who can collaborate with business team and designers to translate product requirements into smooth user experiences. Experience in backend frameworks such as Django/Python, Ruby on Rails and frontend technologies such as AngularJS, Angular is required. EDA/Semi tools and flows knowledge is a plus.

You should have some combination of ...

- Software engineering and architecture
- 5+ years of Web-based software development experience
- In-depth experience with ORM web frameworks like Django/Python (preferred), Ruby on Rails
- Knowledge of front-end Web technologies: HTML, CSS, JavaScript, AngularJS, Angular
- Expertise in data modeling and SQL database technologies (Postgresql preferred but other SQL considered)
- Experience with REST design concepts, Django Rest Framework

Nice to have...PyTest, Selenium/E2E and Jenkins CI test platform experience - Familiarity with version control and configuration management such as SOS, GIT, Perforce or SVN -

[\*Senior Software or CAD Developer - UI 3D Boston Area #5097\*](#)

My client is a highly successful public company in need of a Senior Software Developer, for their 3D modeling works group. As such, you will be part of the team responsible for research, design, maintenance, development and integration of the UI and application code for several applications. The right person could evolve into a Team Lead quickly. This role entails using C#, C++, Windows Forms, and WPF to blend UI code with application logic and 3D modeling algorithms, to create exciting new features. Their tool draws the UI within the 3-D, meaning your work in the UI is done within the 3-D scene as well as the flat...CAD experience a Plus

**ESSENTIAL FUNCTIONS...**

- Design, create, maintain and extend functionality exposed in application UI, from minimal specifications, and drawing on established UX and extending these to new cases
- Use the C# and C++ programming languages, Windows Forms, WPF, and related software development technologies on Windows
- Generate and interpret memory and performance profiles
- Experience in manipulating geometry models on screen such as space rotate, and working with the user interface.

**Requirements...**

- Bachelor's degree in math, physics, computer science, or engineering
- A minimum of 8 years of experience working in production software environments. Higher degree changes actual years of experience.
- Solid, demonstrable experience with C# and C++
- Experience in UI design and implementation using Windows Forms or WPF
- Exceptional analytic and problem-solving skills

Pluses to know...3D Computer Graphics, especially DirectX or OpenGL-3D geometry and vector algebra- Master's degree is an asset - Experience with source code control system is a plus...(Their tool functions within the Vector Algebra environment and helps prepare the model for analysis and it works on and with many frontiers).

## Software Web Developer Valley (other locations considered) #5088

My client is a very successful company with a culture that takes really good care of their people. The company is well respected in their space with strong benefits packages.

They are looking for someone with Software engineering and architecture experience...2+ years of Web-based software and Full-stack web development experience, and the latest “best practices” in Web technologies. The right candidate is UI knowledgeable, and has experience with ORM Web frameworks like Django/Python. The developer will have the opportunity to work with a wide array of technologies and across the breadth of the application stack.

### Preferred Experience

- - - Knowledge of front-end Web technologies: HTML, CSS, JavaScript, AngularJS, Angular - Understanding of data modeling and database technologies, POSTGRESSQL preferred - Write quality code with test coverage - Experience with REST design concepts - Familiarity with version control and configuration management such as Perforce or Clearcase or contributed significantly to an open source SCM like SVN or GIT.

## Senior Product Specialist Silicon Valley West Coast #5124

My client is a powerhouse in the area of Power. They are seeking a Senior Product Specialist serves as a technical expert on semiconductor RTL and Gate Level Power Analysis products and collaborates with R&D and field team on new features, beta evals, and supports Field AE's on new feature deployment and works on the development of the next-gen of their Power products.

### RESPONSIBILITIES

- Has hands-on technical expertise on semiconductor power products and the power domain
- Develop scripts, (Python preferred (other scripting acceptable), writes application notes, training content, and other technical collateral to enable customer deployment of new features
- Review engineering specs, conduct user testing of new features, drives and publishes results
- Develops requirements specs, prototypes and custom methodologies to drive product usage
- Work directly with customers on beta evaluations of significant new functionality
- Leads the successful deployment in customer design flow
- Participate in product presentations and demonstrations at customers and tradeshows

### MINIMUM QUALIFICATIONS

- BS EE (or related) with 5 years' experience or MS with 3 years' experience
- Deep knowledge of low-power digital design and SOC methodology
- Proficient with Verilog, VHDL and System Verilog
- Expertise in scripting languages like Python, TCL, Perl
- Experience in the area of RTL design, power analysis, functional/formal verification, synthesis
- Good communication skills and ability to interact with field personnel and customers
- Good front-end skills at RTL and synthesis

### PREFERRED QUALIFICATIONS

- PhD in Electrical Engineering preferred
- Possess strong problem solving and debugging skills and ability to learn quickly
- Deep sense of ownership, ability to manage and prioritize multiple issues
- Experience in successful competitive product evaluations and product positioning a plus

## Senior SW Tools Engineer East Coast #5114

This extremely high profile company needs an experienced tools engineer for their Electronics Development Services area. This team is focused on advancing their continuous deployment evolution to significantly improve development productivity and quality. They are seeking a Senior Software Tools engineer with a passion for building frameworks to automate tasks and procedures used in continuous integration/deployment. The successful candidate will perform design, development and maintenance of various automation tools in a highly collaborative, multidisciplinary team environment.

### ESSENTIAL FUNCTIONS

- Lead/contribute to engineering efforts from design to implementation, solving complex technical challenges around developer productivity and velocity
- Manage multiple software deliveries, including investigating issues and evaluating impact of project and tool changes
- Develop and maintain automated continuous integration pipeline and underlying infrastructure
- Employ best software practices and help to maintain them through technical reviews and mentoring

### JOB MINIMUM REQUIREMENTS AND QUALIFICATIONS

- Ms CS or CE, (or related technical field) with a minimum of four years of related experience, or a Bachelor's degree with a minimum of seven years of related experience
- Significant software experience using Python, Perl or other scripting language
- Significant experience with a continuous integration system like Jenkins, TeamCity, or TFS
- Experience with build/packaging tools like MSBuild, Gradle, Ant, Ivy, or Maven

### OTHER INFORMATION

- Experience with evaluating and integrating open source and in-house developed toolsets
- Experience developing and debugging on Windows and/or Linux
- Experience with dependency management tools desirable
- Familiarity with product development using C++ or Visual Studio desirable
- Strong written and interpersonal communication skills
- Ability to plan and complete high quality work on schedule

## Senior Software Developer/Build Engineer East Coast #5122

My client is a public company with significant international presence. They are looking for a Senior SW Build Engineer will be responsible for managing and implementing all phases of build, release and environment management for a distributed team developing engineering software. Duties also include developing and maintaining custom tools/scripts and integrating Open Source tools.

### RESPONSIBILITIES

- Write and maintain licensing, architectural and Windows specific code.
- Convert legacy build tools to use current programming languages and tools.
- Perform software builds of software products on Windows and Linux systems.
- Write, implement, schedule and manage automated build scripts with TFS.
- Maintain and support current software tools (Visual Studio, compilers, MPI, IDEs).
- Investigate and fix compilation and linker errors.
- Assemble, create, and test distribution media for official and special version releases.
- Execute acceptance tests to ensure product stability and conformance to company quality standards.

- Support developers by deploying tools, addressing build and production system issues.
- Interface with IT team to specify, deploy, maintain and update build systems.

#### QUALIFICATIONS

- B.S. CS or CE or related field with 5+ years of experience.
- Experience building software on Windows and Linux operating systems.
- Demonstrated expertise in scripting (Linux shell, DOS cmd/bat) and/or languages such as perl or python.
- Good knowledge of data structures, algorithms, and object-oriented design.

A Plus if you have...

- Experience automating tasks and procedures.
- Experience developing and debugging on Windows and/or Linux.
- Visual Studio, Intel and gcc compiler knowledge preferred.
- Experience with a continuous integration system like TFS or TeamCity is preferred.
- Experience with a configuration management software (GIT) is a plus.
- Experience implementing open source tools is a plus.

#### [Senior C++ Architect/Engineer...EDA Valley or Austin \(Remote possible\)...#5036](#)

My client is a long-standing, very successful, (somewhat) smaller company that still maintains a Start-up culture. This position is for a Senior R&D Engineer with a strong C/C++ and some EDA background. They seek someone to architect, design and develop major components of their design data management and collaboration platform. You should be able to use high level marketing requirements to define product features and lead other developers to implement and deliver a high quality product.

Their industry respected products are in the Version Control/Collaboration space where they are clear leaders in their field. The people are terrific, with a really nice work culture, and very good benefits packages. Offices are in the Valley, Austin and India.

Minimum Qualifications includes several of the following... ·BSEE or BSCS with 5+ years' work experience (varies with degree). ·Extensive C/C++ software development experience on Linux & Windows. ·Strength in algorithms and data-structures. ·Experience with DBs (Preferred Postgresql or SQLite...optimization, queries, and management). Specifically, someone who has written applications using SQL databases and knows how to optimize tables and queries and has DB administration experience. ·C++ Boost libraries. ·Experience with low level system calls - sockets, file operations, etc. ·GUI design and development. ·Shell scripting languages including TCL, Python, Perl. Experience with Network programming and protocols, Authentication and Security is a plus. So C# and desktop application UI experience are key, and CAD a bonus.

#### [Senior Product Specialist Silicon Valley East Coast #5124](#)

My client is seeking a Senior Product Specialist serves as a technical expert on semiconductor RTL and Gate Level Power Analysis products and collaborates with R&D and field team on new features, beta evals, and supports Field AE's on new feature deployment and works on the development of the next-gen of their Power products.

## RESPONSIBILITIES

- Has hands-on technical expertise on semiconductor power products and the power domain
- Develop scripts, (Python preferred (other scripting acceptable), writes application notes, training content, and other technical collateral to enable customer deployment of new features
- Review engineering specs, conduct user testing of new features, drives and publishes results
- Develops requirements specs, prototypes and custom methodologies to drive product usage
- Work directly with customers on beta evaluations of significant new functionality
- Leads the successful deployment in customer design flow
- Participate in product presentations and demonstrations at customers and tradeshow

## MINIMUM QUALIFICATIONS

- BS EE (or related) with 5 years' experience or MS with 3 years' experience
- Deep knowledge of low-power digital design and SOC methodology
- Proficient with Verilog, VHDL and System Verilog
- Expertise in scripting languages like Python, TCL, Perl
- Experience in the area of RTL design, power analysis, functional/formal verification, synthesis
- Good communication skills and ability to interact with field personnel and customers  
Good front-end skills at RTL and synthesis

## PREFERRED QUALIFICATIONS

- PhD in Electrical Engineering preferred
- Possess strong problem solving and debugging skills and ability to learn quickly
- Deep sense of ownership, ability to manage and prioritize multiple issues
- Experience in successful competitive product evaluations and product positioning a plus

## *SW Developer Openings...Platform and Compiler...#5096 \*\*\*New Start-up\*\*\**

This client is an exciting new Start-up offering a terrific opportunity, for several SW developers. You will be at the forefront of a new and exciting company where you can grow your development skills, by being a part of a team building a custom hardware platform, specifically designed for autonomous vehicles, This is (In effect) an SOC Super-Computer architecture.

This Start-up is a tremendous opportunity to learn new technologies and perhaps more importantly, be part of an amazing politics free culture. They have several openings...here is some basic information, and the openings. They are in stealth so not a lot can be disclosed here.

- Institutional VC funded - Currently closing a large Series A round - Founders have had previous successful exits - Full stack: building software + system + processor - New parallel computing architecture that addresses both general compute as well as machine learning market

### [Software PLATFORM Lead San Francisco Bay Area...# 5096-A](#)

#### **Platform Software Lead**

This opening is for an Architect/Algorithms Engineer, (possible Directors level for right candidate) that knows EDA tools flows. Knowledge in areas like Parasitic Extraction, ML, Tensor Flow, DNN (neural networks), all helpful.

- Work closely with the hardware development team to define platform APIs and deliver on the SDK, for autonomy application developers
- Develop a custom runtime that interfaces with the hardware
- Research on optimizing algorithms on custom hardware specifically suited for autonomous vehicle applications.

At least 8 years of experience in platform software or SDK design, (degree can vary the requirement) • C++, Python • Tensorflow/Caffe, OpenCV, CUDA, OpenCL •

Pluses if you know: Sensor fusion & localization (2D to 3D correlation) • OpenVX • Machine Learning techniques in context of computer vision • Convolutional Neural Networks, Semantic segmentation, Object detection and localization, Object tracking

Company will provide...• Competitive salaries and meaningful equity • A community for the brilliant minds who want to make an immediate impact • An opportunity for you to build long term career relationships • Foster an environment that allows for lasting personal relationships alongside professional ones

### [Software Compiler Developer...San Francisco Bay Area #5096-B](#)

This next opening is for an experienced Software Compiler Engineer with experience in developing and building Full Stack custom hardware.

In this position, you will • Work closely with the processor development team to define a C++ programming model, that is co-optimized with the compile strategy • Work on the development of a custom LLVM backend • Work on the development of custom LLVM passes • Develop custom compiler algorithms

At least 3 years of development experience in the LLVM codebase. SSA-based compilation strategy capable of supporting both static and dynamic compilation of arbitrary programming languages.

Strong knowledge in C++ and Graphs and related algorithms

Great to know...Tensorflow/Caffe or other machine learning packages - knowledge in optimizing compilers for machine learning applications

### [Software Intern... Robotics...San Francisco Bay Area #5096-C](#)

This is a terrific Intern opportunity that could lead to more...They are looking for a PhD intern with significant experience in Robotics, specifically in the Computer Vision related domains.

### Hardware Intern- Computer Architecture...SF Bay Area #5096-D:

This is a terrific Intern opportunity that could lead to more...They are looking for a PhD intern with significant experience in the domain of computer architecture and related chip design

### Micro-architect...SF Bay Area #5096E

This is an opportunity to be the foundation stone for our hardware team & grow your development skills by building a custom hardware platform (from the ground up).

The right candidate will contribute to the definition of our processor architecture that ensures a robust implementation • Lead the implementation of cutting edge hardware platform • Work on RTL design for a high performance processor

Experience:

- At least 5 years of experience in CPU/GPU micro-architecture/RTL design • Proficient in SystemC or Verilog or SystemVerilog
- Plus if you have Synthesis experience • Place and Route experience • FPGA prototyping

### APPLICATION, SUPPORT, PRODUCT and DESIGN ENGINEER Openings...

#### Senior FAE Power Front-end Power and Physical Valley #5103

The Senior Applications Engineer will apply their knowledge and experience in the areas of RTL design, RTL and gate level power analysis and reduction, high level synthesis, functional verification, emulation, logic synthesis, formal verification and/or high-speed VLSI design, power-grid extraction, timing analysis, noise analysis, and/or voltage drop effects with various CAD tools to solve problems in complex System-on-Chip (SoC).

#### RESPONSIBILITIES

- Product Support/Customer Training:
- Support and train customers promptly and effectively in order to improve customers' productivity and satisfaction with Semiconductor Business Unit simulation products
- Independently provide and coordinate support for multiple designs through tape-out and to verify that these designs are clean within customer expectations
- Apply knowledge in the areas of RTL and Gate level design for Power analysis and reduction and Voltage drop effects in complex System-on-Chip (SoC).
- Key Customer Development: Consistently improve our understanding of customers' workflow and technical needs and communicate new opportunities and risks to Sales; proactively work to grow the software usage by demonstrating new solutions
- Sales Assistance: Collaborate with Sales in order to grow sales volume in existing markets
- Product Development Assistance: Collaborate with Product Development as needed to improve software products and the customers' experience using these products

#### MINIMUM QUALIFICATIONS

- 5 years of experience or MSEE
- Experience using EDA tools in one or more fields of low-power digital design and SOC methodology. RTL design, functional verification, synthesis, formal verification, timing and noise analysis, or voltage drop effects with CAD tools

- Strong technical knowledge in HDLs including Verilog, VHDL, System Verilog desired.
- Develop utilities for troubleshooting and debugging problems using scripting tools like Perl, Tcl or Python

#### PREFERRED QUALIFICATIONS

- MS or PhD in Electrical Engineering preferred
- Ability to travel as needed and work independently with minimal guidance
- Strong problem solving skills
- Excellent verbal and written communication skills

#### Senior FAE- Field Verification Applications Engineer... Silicon Valley... Req # 5119

I wanted to start by asking if working for a smaller company, where you play a more significant role, would be of interest to you? Is working with customers of interest? Is working from a home base interesting? If so, please let me know your thoughts on the following...

My client serves the Semiconductor SOC market and their customers include the biggest names in system and semiconductors, (Apple, Google, Cisco, Qualcomm, Broadcom, Intel, AMD, Western Digital, etc.) in the industry. Their products are predominantly verification IP for ASICs and (SoC's), so experience in emulation, memory models, formal and post silicon) and design IP fits well. They are looking for a strong Senior Application Engineer with background in the above areas as well as ...

Acceleration - Functional Verification - Formal (understanding) - Sys Verilog - UVM OVM AMBA or MIPI Protocol Fill line Verification Emulation Design IP De-bug

#### Qualifications:

- Bachelor or Master's degree in Electrical Engineering, Computer Science or related field. Strong background in verification. Excellent communication skills and the ability to interface with customers. Minimum, three to five years of experience in ASIC verification. Good knowledge of OVM, UVM, and other verification languages.

Good knowledge of SoC IC design. *Protocol VIP experience a plus!!* Experience with Verilog/System Verilog. Understanding of the design process and knowledge of the ASIC design flow.

Design/Verification folks looking to work with customers as an Application Engineer will also be considered.

Application Engineers are the technical support for Sales, and work with the design team to do the benchmarks, demos, evals and technical presentations and more importantly, create and build solid relationships. They develop customer specific verification requirements, including advanced verification component development; methodology support; and operation and maintenance of tools and services. Most importantly, they interface between the field sales, key customers, and design engineers

#### Senior Product Specialist Silicon Valley East Coast #5124

My client is seeking a Senior Product Specialist serves as a technical expert on semiconductor RTL and Gate Level Power Analysis products and collaborates with R&D and field team on new features, beta evals, and supports Field AE's on new feature deployment and works on the development of the next-gen of their Power products.

## RESPONSIBILITIES

- Has hands-on technical expertise on semiconductor power products and the power domain
- Develop scripts, (Python preferred (other scripting acceptable), writes application notes, training content, and other technical collateral to enable customer deployment of new features
- Review engineering specs, conduct user testing of new features, drives and publishes results
- Develops requirements specs, prototypes and custom methodologies to drive product usage
- Work directly with customers on beta evaluations of significant new functionality
- Leads the successful deployment in customer design flow
- Participate in product presentations and demonstrations at customers and tradeshow

## MINIMUM QUALIFICATIONS

- BS EE (or related) with 5 years' experience or MS with 3 years' experience
- Deep knowledge of low-power digital design and SOC methodology
- Proficient with Verilog, VHDL and System Verilog
- Expertise in scripting languages like Python, TCL, Perl
- Experience in the area of RTL design, power analysis, functional/formal verification, synthesis
- Good communication skills and ability to interact with field personnel and customers  
Good front-end skills at RTL and synthesis

## PREFERRED QUALIFICATIONS

- PhD in Electrical Engineering preferred
- Possess strong problem solving and debugging skills and ability to learn quickly
- Deep sense of ownership, ability to manage and prioritize multiple issues
- Experience in successful competitive product evaluations and product positioning a plus

## Senior FAE POWER RTL Design Valley #5105

The Senior Applications Engineer will apply their knowledge and experience in the areas of RTL design, custom circuit analysis, high-speed VLSI design, standard cell physical layout, power-grid extraction, timing analysis, noise analysis, and voltage drop effects with various CAD tools to solve problems in complex System-on-Chip (SoC).

- **RESPONSIBILITIES**
- **Product Support/Customer Training:**
  - Support and train customers promptly and effectively in order to improve our customers' productivity and satisfaction with Semiconductor Business Unit simulation products
  - Independently provide and coordinate support for multiple designs through tape-out and to verify that these designs are clean within customer expectations
  - Apply knowledge in the areas of RTL and Gate level design for Power analysis and reduction and Voltage drop effects in complex System-on-Chip (SoC).
- **Key Customer Development:** Consistently improve our understanding of customers' workflow and technical needs and communicate new opportunities and risks to Sales; proactively work to grow the software usage by demonstrating new solutions
- **Sales Assistance:** Collaborate with Sales in order to grow sales volume in existing markets
- **Product Development Assistance:** Collaborate with Product Development as needed to improve software products and the customers' experience using these products

## MINIMUM QUALIFICATIONS

- 5 years of experience or MSEE • Experience using EDA tools in one or more fields of low-power digital design and SOC methodology...Custom circuit analysis & design, standard cell physical layout, timing and noise analysis, or voltage drop effects with CAD tools
- Strong technical knowledge related to EDA tools on layout, STA, Extraction-SPEF/DSPF and Spice . • Develop utilities for troubleshooting and debugging problems using scripting tools like Perl, Tcl or Python Excellent verbal and written communication skills

## ACCOUNT MANAGEMENT & SALES...

### Senior Account Manager, Design Services Valley preferred #5098

This Successful, reputable, Design Services Company seeks an experienced Sales person with “established” contacts with major clients. They are a highly successful respected Services Company with the ability to deliver large projects. Successful candidate should have a strong book of contacts with the MAJOR houses and be able to demonstrate an ability to bring in business. Shorter sales cycles make for easier business opportunities and these folks can deliver. Strong Comp plan for the right candidate.

**\*Openings are as of this Newsletter date...new openings and closings happen regularly**

*For more information on any of these opportunities, please send your resume to [mark@eda-careers.com](mailto:mark@eda-careers.com) and follow with a call to 305-598-2222x1. Resumes are held in confidence and not forwarded without discussing the opportunities with you first.*

*Technology Futures Inc. D/B/A as EDA-CAREERS, is a unique and very different type of Recruitment Company, and that clearly shines through, right from the beginning. With more than 20 years of recruiting exclusively in the EDA/Semi/INTERNET-IOT industry, we pride ourselves on our relationships and follow-up. Our efforts are unparalleled, when it comes to how we handle our clients and candidates.*

*Our specialty is in everything EDA/Semi and INTERNET-IOT and we work on and with All Levels of candidates and positions. From VP's to just over Interns, we do it all and we work GLOBALLY. In this highly technical world of ours, you need a specialized recruiter that understands all elements of the industry, AND WE DO...from R&D SW Developers, Application Engineers, Designers, and Sales and Marketing, WE DO IT ALL!*

*At EDA-CAREERS, WE WORK HARD to help our companies find the best candidates, and our candidates, find the best opportunities. We stay involved every step of the way, making sure everyone stays focused throughout the decision making process. In effect, we become PARTNERS so that both the candidate-company hiring process, stays positive and on-track, from beginning to end. That is why we have worked successfully with Hundreds of companies and placed such a broad array of candidates, all around the world. Call us anytime as we work day and night, and advice is always free.*

**Call us today! 305-598-2222      [www.eda-careers.com](http://www.eda-careers.com)**