



305-598-2222

[Home](#)

[Career Openings](#)

[About Us](#)

[Internet / IOT](#)

[Contact Us](#)

## EDA/INTERNET-IOT/SEMI Senior C++ Architect/Engineer

Valley or Austin (Remote possible)

REQ# 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 Software or CAD Developer – UI 3D

Boston Area

REQ# 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).

---

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

REQ# 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 SVN, GIT, Perforce or SVN - Knowledge of EDA tools and flows

---

## Software Web Developer

Valley (other locations considered)

REQ# 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.
- 

## \*\*\*New Start-up\*\*\*

### SW Platform and Compiler

REQ# 5096

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

## REQ# 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

### REQ# 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

### REQ# 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

REQ# 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

---

## Technical Support Engineer

Valley or Austin preferred, (remote options)

Req # 5077

My client is a leader in their domain with a long track record of incredible success, and a wonderful team to work with; they are some of the nicest folks. This opportunity calls for a strong Technical Support Engineer, to work with customers, to resolve their highly technical issues. CAD support engineers can work as well.

Responsibilities...You will be providing technical support for their design data management and version control solutions. These solutions integrate with their Electronic Design Automation (EDA) tools, running on Linux and Windows platforms. The work entails interacting with customers to provide post-sales support, onsite training, developing application notes, and helping define product features & flows.

Qualifications required:

BS/MS in EE, CE or CS Experience with one or more EDA design tools and flows Custom Design Tools with particular emphasis on Cadence Virtuoso - Digital Design flows from EDA vendors like Cadence, Synopsys and Mentor - Network TCP/IP and some database programming. - Design Verification tools and flows - Expertise in Unix scripting (shell, Perl, Tcl) -Knowledge of design data management / version control - Strong debugging and problem solving skills

Plus if you have...3 years of related industry experience...Proficiency with Cadence Skill...Expertise in Version Control/Design Management solutions...System administration / networking

---

## 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

*\*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)**

easier business opportunities and these folks can deliver. Strong Comp plan for the right candidate.