Job Title: Sr. Software Engineer
Job Location – Tempe, AZ
Job number: SWE-011824

Job Description:

Responsible for developing new capabilities in Deca's software products and technologies that ships more than two million chips per day. Deca's software engineers build electronic computer-aided design (CAD) tools and real-time software systems for the semiconductor interconnect industry, enabling the next-generation of mobile, desktop, and data-center devices.

Major Duties:

- Use Python, Rust, and other languages to develop new capabilities and refine existing products
- Develop custom electronic CAD tools and integrate with existing commercial tools
- Define and implement software for chip interconnect planning, design validation, real- time auto-routing, constraint optimization, and more
- Develop software verification strategies and implement automated testing for complex CAD data
- Work closely with customers and applications engineers to develop features that meet new design requirements
- Own technical design, architecture, implementation, and documentation efforts
- Work cooperatively with all personnel at Deca Technologies and with customers across different cultures and time zones around the world
- Generate documentation to ensure the delivery of a quality product

Ideal Qualifications:

- Demonstrated experience with software design, development, debugging, documentation and testing
- Technical leadership on previous projects and strong mentorship capabilities
- Strong desire to learn new technologies, skills, tools, and domain expertise
- Demonstrated software development skills in the following technologies:
  - Source control using Git or SVN and GitHub or similar
  - Proficient with the Python and Rust programming languages
  - Automated unit, integration, and acceptance testing
  - Continuous Integration (CI) with GitHub Actions or similar
  - Familiarity with PCB design, semiconductor package design, integrated circuit design, or related field
- Bachelor's degree in computer science, electrical engineering, or related field
- Highly self-motivated with excellent communication and interpersonal skills
- Good organizational skills with the ability to multi-task, prioritize, and self-direct day-to- day activities

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Compensation and Benefits:
- Annual base salary $125,000
- Discretionary quarterly and annual bonuses based on individual and company performance
- Paid time off
- Paid sick time
- Health insurance
- Dental insurance
- Vision insurance
- Company paid life and LTD insurance
- 401(k)
- 401(k) matching
- Paid parental leave

Please submit resume for consideration to: Jobs@thinkdeca.com