



Server Software Engineer

The role

Ampere Computing is seeking talented Software Engineer to join our Server Software Validation team. This position will be working closely with internal and external design teams to develop Features/System tests that validate Firmware, Bootloaders, Kernels, and other Server Software components. This role performs test case development and execution of manual and automated tests, debugs, characterizes and reports results as required.

What the team wants you to know

Being a Software Engineer at Ampere®, you will learn how we deliver the new standard for Cloud and Edge servers with high performance, power efficiency and better total cost of ownership. You will have chance to work with engineers from the biggest Cloud Service Providers to develop their infrastructures using Ampere® Arm®-based server processors. The experience at Ampere® that you will possess will be valuable for your career path.

What you will do

- Develop Test Strategies, Test Requirements, Test Plans and Test Cases. Develop Automated Test Suites, and implements such for Software Acceptance, Regression, as well as Performance testing.
- Develop test utilities, scripts and automated tests within the automation environment.
- Maintain and improve existing test suites and test framework for scale testing and robustness in automation environment.
- Execute the implemented test cases against implemented software and firmware.
- Capture, analyze results, characterize problems, and work with development teams for problem resolution.
- Develop automated test reporting, analysis, and dashboarding of the test data.
- Ensure robust, sustainable and scalable design approaches that meet design intent.
- Recommend development, design, and quality improvement to products and procedures.
- Also participate in software development process including reviews of Functional, Design, and Code to ensure correct implementation and testability.

What you will bring

- Min 1+ years of experience in software development and/or platform validation and software testing
- Knowledge of computer architecture, bootloaders such as U-boot, Linux, Windows and networking technologies
- Excellent C/C++ and scripting languages such as Python/Perl/Bash.

- Excellent analytical and problem-solving skills.
- Knowledge and experience of server performance benchmarks and tuning is a plus.
- Operational experience with Linux, Windows, Storage and Networking is highly desirable.
- Extensive knowledge of software engineering and software testing methodologies, tools and processes, test automation, and testing frameworks; experienced with modern Software Development and Testing Methodologies such as Agile, DevOps, CI, and automation testing frameworks (Robot Framework, AutoTest, Ansible, Avocado, Jenkins, Beaker, GIT, Confluence, Jira, etc.)
- Experienced with working in a high demand flexible continuous integration environment.
- Self-motivated, strong sense of teamwork and a good team player, strong communication skills in both speaking and writing; communications with remote team will be required.
- Being able to handle multiple tasks at once and work independently with minimal managerial oversight.

Education

- BS or MS in Computer Science/Computer Engineering/Electronics Engineering or equivalent

What we can offer

- Competitive salary
- Performance Bonus
- Restricted Stock Unit
- 13months Salary
- ADSL Allowance
- Petrol Allowance
- Lunch provided by company
- PVI Insurance for employee and family
- Annual Health Check for employee
- Macbook Pro, modern equipment and a big cubicle for working
- Annual leave 15 days + 1 floating day + 1 Christmas day
- Travel business opportunities to abroad (USA, China, Taiwan, Korea, India....) for training or onsite support
- Have a balance Work-Life with flexible working time
- Join the company and Trade Union activities like Teambuilding, Year End Party, Thanksgiving, Company Trip, Sport Clubs
- Self-development of career path clearly either Technical Expert or Design Leader/Manager
- Work in a professional, innovative, fair, fun, and friendly environment
- Challenge to work and develop the future of high-tech, build up the heart of Data-center and ecosystem include software and hardware

- Opportunity to be learned, motivated and developed by many experts around the world and Vietnam engineering team

Please send your CV to email: lien.duong@amperecomputing.com or contact Ms Lien 0906673009

Location: Floor 2,3 Incubation Building A, Tan Thuan Road, Tan Thuan Export Processing Zone, Dist 7, HCMC.

Company Introduction

Ampere® is designing the future of hyperscale cloud and edge computing with the world's first cloud native processor. Built for the cloud with a modern 64-bit Arm server-based architecture, Ampere® gives customers the freedom to accelerate the delivery of all cloud computing applications. With industry-leading cloud performance, power efficiency and scalability, Ampere® processors are tailored for the continued growth of cloud and edge computing.

Our Story

Like the scientist behind its name, Ampere® employees are innovators. We understand the needs of cloud computing and different software requirements. We are inventing what comes next and looking at everything from the structure of memory and how efficient the system is, to considerations on speed, cost of electricity and ability to cool. Power, size, weight and cost are driving the technology requirements and the innovation to come.

Our world class team of engineers, with depth and expertise in the cloud and semiconductor industries, is not only focused on the development of new semiconductor designs but also building out the first software ecosystem for Arm®-based server processors. Through the Ampere® approach to the cloud and edge, we give our customers the freedom to challenge the status quo and accelerate next-generation data centers for the most memory-intensive applications. Given the challenge we have outlined, we are building a culture of entrepreneurs that ensure customers come first, proactively approaching industry challenges in the areas of security, power, and performance, delivering results that matter most.