AMPERE.

Design Verification Engineer

The Role

As part of the design verification team at Ampere, You will verify a server-class microprocessor-based SoC design. You will develop system level and unit level test plan for functional verification and performance verification. You will write test benches and coverage using System Verilog and UVM. You will write random and directed tests for correctness and performance of microprocessors.

What the Team wants you to know

Design Verification is an integral part of the chip design process that ensures our customers get the absolute highest quality products that meets their functional and performance requirements. The DV Team at Ampere Computing comprises of stellar folks who have dedicated themselves to the art and fun of design verification. We are a tightly-knit, fast-paced team who work extremely closely with our design and architecture partners to ensure no bug is left behind.

What you'll do

- Define block level and full-chip level test environments for server-class microprocessor-based SoC
- Create test plans for unit-level and chip-level verification
- Design and implement test benches and verification environment
- Generate tests, debug failures, evaluate coverage of design
- Develop and verify in-house VIP

What you'll bring

- 1+ years of hardware verification experience
- Experience with complete verification cycle from design conception to tape-out
- Understanding of standard interface such as PCIe, interconnect fabric, IO coherency, AMBA/Protocols (AXI/APB)
- Understanding of verification methodology
- Experience in languages common to the industry (e.g., Verilog, System Verilog, UVM, C, C++, Perl, Python)
- Self-motivated, team player, with good communication skills
- Good English and Vietnamese communication skills in verbal and writing

Education:

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

Our Compensation Program

- Competitive salary
- Performance Bonus
- Restricted Stock Unit
- 13months salary
- PVI Insurance for employee and family
- ADSL and Petrol Allowance
- Lunch provided by company
- 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
- Annual Health Check for employee
- Opportunity to be learned, motivated and developed by many experts around the world and Vietnam engineering team
- Self-development of career path clearly either Technical Expert or Design Leader/Manager
- Join the company and Trade Union activities like Teambuilding, Year End Party, Thanksgiving, Company Trip, Sport Clubs
- 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

Please send your CV to lien.duong@amperecomputing.com, MB: Ms Lien 0906673009

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

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.