



Intern - Digital Verification Engineer

Job description

You are a highly motivated engineering student that would like to learn what it takes to practice integrated design, development, and testing of mixed-signal devices in a large, global company. You are enrolled in basic electronic design and computer programming courses and ready to expand your experience in structured firmware and software programming for ARM systems. In this assignment, you will support design and verification of complex uC-based integrated circuits (ICs) with the opportunity to explore many other disciplines it takes to design and produce the "Best in World" products!

****Interns are eligible for medical benefits only****

In your new role you will:

- Support design and verification of complex **uC-based integrated circuits (ICs)**
- Develop **verification tests** using **UVM** methodologies and firmware/hardware co-simulation techniques
- Debug, test and verify **firmware application code**
- **Debug, report**, and work closely with IC design industry experts to resolve issues
- Have the opportunity to explore many other disciplines it takes to design and produce the "Best in World" products

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Profile

You are a self-starter, eager to grow and develop your skills in a large, global multinational environment. You are motivated, fast-learning and excited about putting into practice your practical knowledge and University curriculum for this student assignment.

You are best equipped for this task if you have:

- Are an engineering student enrolled in a University program
- Basic **electronic design** courses
- **Computer programming** courses
- Experience with **Unix/Linux shell** commands and editors (**Eclipse** for C development)
- Experience with standard verification languages (**Verilog, SystemVerilog, UVM**) and **regression test development**

At a glance

Location: **El Segundo, CA**
Job ID: **308921**
Start date: **immediately**
Entry level: **0-1 year**
Type: **Part time**
Contract: **Temporary**

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- Experience in structured firmware and software programming for **ARM** systems: **C/C++**, Object Oriented programming (**OOP**) and Real Time Operating Systems
- Experience with **lab test equipment** including uC debuggers (especially ARM-oriented platforms)
- Are a self-starter and highly motivated in learning integrated design, development, and testing of **mixed-signal devices**

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