(Https://Www.Amd.Com/En)

We have a new careers site. To access an existing profile, please enter your username on the Login Page (https://careers-amd.icims.com/jobs/login?loginOnly=1&redirect=&hashed=-625942636) and reset your password.

If you are a current AMD employee, please visit the Internal Career Site (https://internal-amd.icims.com/jobs/search?back=none&redirect=search).

← Back

Product Development Engineer 2

Locations: Austin, Texas
Categories: Engineering
Req ID: 23916
Hiring Target Min: USD $71,840.00/Yr.
Hiring Target Max: USD $107,760.00/Yr.

✉

Get future jobs matching this search

Login   or   **Register**

Job Description

WHAT YOU DO AT AMD CHANGES EVERYTHING

We care deeply about transforming lives with AMD technology to enrich our industry, our communities, and the world. Our mission is to build great products that accelerate next-generation computing experiences – the building blocks for the data center, artificial intelligence, PCs, gaming and embedded. Underpinning our mission is the AMD culture. We push the limits of innovation to

Apply(https://careers-amd.icims.com/jobs/23916/login?&iis=Job Board&iisn=Linkedin)

solve the world's most important challenges. We strive for execution excellence while being direct, humble, collaborative, and inclusive of diverse perspectives. This is who we are at our best. One Company. One Team.

AMD together we advance_

Product Development Engineer - ATE
The Role:
The person in this role will be a member of a test team that works on planning, debugging and developing manufacturing and characterization test programs for next-generation AMD microprocessors. They work on Automated Test Equipment (ATE) platforms including Verigy 93K. They debug test infrastructure issues including test HW, test SW, and device-specific IP. They must ensure overall compatibility, compliance, and test coverage of microprocessors from product definition through product qualification and into high volume manufacturing by developing product specific test hardware, software, and diagnostics.
The Person:
- The person should possess excellent communication skills and the ability to work with geographically distributed product engineering teams. Also, the ability to lead debug activity and have ownership responsibility of a project component.

Key Responsibilities:
- This person would be responsible for definable portion of large project or process and for quality and timely result. Primary focus is on testing, characterizing, and optimizing complex SOCs during new product introduction.
- Accountable for results in the defined area, and for communication of the status of interdependencies to management or senior product development staff.
- Solves complex problems and makes modifications as needed to standard methods.
- Implement important technical decisions.
- Execute product improvement activities to reduce cost, improve yield and resolve quality issues.
- Other duties, as necessary.

Preferred Experience:
- 2 or more years of experience in semiconductor product development.
- 2 or more years of experience in silicon debug using Standard ATE platforms such as 93K Tester or equivalent. (SLT experience also accepted.)
- Strong experience with C++, Java, C, or C#.

- 1 or more years of experience in XP, AGILE, Scrum, or Kanban as processes.
- Statistical analysis experience to determine population mean and outliers.
- Pareto analysis experience to drive a debug process.
- Experience with PC HW debug including networking, storage, and thermal control.
- Familiar with general Computer Architecture concepts such as pipelining and caching, x86 architecture, and PC computer organization.
- Experience with logic analyzers, voltmeters, oscilloscopes, and other debug tools.
- Experience with revision control (GIT, SVN, CVS, or similar).
- Experience with scripting languages such as Perl, Ruby, shell script, or similar
- Familiar with Linux or Unix Operating Systems.
- Familiar with Microsoft standard apps (i.e. Office), Microsoft Windows Operating Systems.
- Familiar with building computer systems (desktops, laptops, servers, etc).
- Low level software development experience (Assembly, BIOS).
- Familiar with hardware description languages.

Academic Credentials:

- B.S. or M.S. in Computer Engineering or Electrical Engineering, industry experience is a plus.

Location:

- Austin, TX

#LI-TW2

At AMD, your base pay is one part of your total rewards package. Your base pay will depend on where your skills, qualifications, experience, and location fit into the hiring range for the position. You may be eligible for incentives based upon your role such as either an annual bonus or sales incentive. Many AMD employees have the opportunity to own shares of AMD stock, as well as a discount when purchasing AMD stock if voluntarily participating in AMD's Employee Stock Purchase Plan. You'll also be eligible for competitive benefits described in more detail here (https://amd.jibeapply.com/benefits).

applicants' needs under the respective laws throughout all stages of the recruitment and selection process.

Careers (/careers-home)

(https://www.amd.com/en)

Terms and Conditions

Privacy

Trademarks

Statement on Forced Labor

Fair & Open Competition

UK Tax Strategy

Cookie Policy

Cookies Settings