Job Notification Form, IIT Delhi

Company Overview

Name:	AMD India Pvt. Ltd.
Website:	www.amd.com
Company Type:	Information Technology
Description:	Our History

Founded in 1969 as a Silicon Valley start-up, the AMD journey began with dozens of employees focused on leading-edge semiconductor products. From those modest beginnings, AMD has grown into a global company achieving many important industry firsts along the way. AMD today develops high-performance computing and visualization products to solve some of the world's toughest and most interesting challenges.

Our Vision

High performance computing is transforming our lives.

Our Mission

Build great products that accelerate next-generation computing experiences.?

Job Details

Designation:	Software Engineer
Type:	Information Technology
Place of Posting:	Blr or Hyd
Job Details:	The CPU Microarchitecture and Performance Modeling team at AMD Bangalore is looking for engineers with B.Tech, M.Tech/MS or PhD with relevant knowledge/experience to work on AMD's next generation processor microarchitecture development. It is the biggest CPU architecture and performance modeling team at AMD and is playing a critical role in AMD's all CPU microarchitecture work.

The person will be part of AMD's highly experienced and talented team of engineers working on microarchitecture development and processor performance modeling and will work closely with AMD's CPU and SOC performance architects.

Skill set needed: Strong knowledge of computer architecture, C++ programming, good analytical skills, and problem-solving abilities.

Beside architecture and C++ programming knowledge, if the candidate has one or more of the following, that'll be a big plus.
Experience with working on micro-architectural simulators
Workloads characterization, program analysis, benchmarking using actual hardware performance counters or different tools.
Knowledge of python or some other scripting language,
Verilog/VHDL

x86 assembly language programming

Experience level: We have multiple openings at different levels and people with all experience levels are welcome to apply.

Job description: The person will be working closely with AMD's processor architects and performance architects. The work involves
1. Research and exploration of novel microarchitectural ideas and evaluating them for AMD's future processors
2. Modeling various micro-architectural features on simulator and evaluating their performance.
3. Innovation in simulation methodologies and infrastructure development.
4. Developing tests to measure performance on simulator, actual hardware and RTL design
Benchmark characterization and bottleneck analysis on different hardware platforms

Joining By: 6 June 2022

Salary Details

CTC:	1,500,000 INR Per Annum
Gross:	1,350,000 INR Per Annum
CTC Breakup:	150000 retirals
Perks / Bonus:	RSUs

Selection Process

Resume Shortlist:	Yes
Written Test:	No
Online Test:	No
Group Discussion:	No
Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	3
No. of Offers:	3
Minimum CGPA:	6.5

Eligibility

Recruiting PHDs: Yes

Eligible Departments: B.Tech in Computer Science & Engineering, B.Tech and M.Tech in Computer Science & Engineering, M.Tech in Computer Science & Engineering, M.S.(R) in Computer Science & Engineering