

Hi,

Hope you're doing well. I recently graduated with a degree in Computer Engineering and have a strong background in computer architecture, RTL design, and verification. I was impacted by company-wide restructuring at Analog Devices and now am currently seeking new opportunities.

I came across Ahead Computing and I'm very much interested in the work which Ahead Computing is involved in. I have seen the career page and I'm interested in the below open roles.

Senior CPU Microarchitecture & Logic Design Engineer, Out-of-Order Execution

Senior CPU Microarchitecture & Logic Design Engineer, Fetch Decode

<https://www.aheadcomputing.com/senior-cpu-uarch-execution>

Senior Formal Verification Engineer

Senior Staff CPU Microarchitecture & Logic Design Engineer, Out-of-Order Execution

Skill Set:

Computer Architecture: CPU Microarchitecture, Memory sub-system, Branch Prediction, Memory Dependence Prediction, Instruction Level Parallelism, Prefetching, Victim Caches, Virtual Memory and TLB, GP-GPU Architecture.

Design and Verification: Modeling at Data Flow Level, Behavioral Modeling, Concurrency, Simulation and Synthesis, Function Verification, System Tasks and Functions, Verification using SystemVerilog.

Programming languages: C, C++, Python, Verilog, SystemVerilog.

Simulation/ Emulation Platforms: ModelSim, Design Vision, Vivado, CUDA, OpenCL.

Tools and Technologies: Visual Studio Code, Linux, Verdi.

I'd love to connect and learn more about the opportunities. Looking forward to hearing from you.

Regards

Raghul Srinivasan