

MUHAMMAD AYYAZ

Electrical Engineer

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SUMMARY

My self, Muhammad Ayyaz, a dedicated Electrical Engineer who wants to excel in the field of computer architecture and VLSI design. I have experience in designing RISC-V processor architecture and its performance measurement using simulators. Having knowledge of Python scripting, Verilog processor design, and C/C++ programming. A collaborative team player with excellent communication skills and technical skills.

EDUCATION

Namal University Mianwali

Bachelor's Degree in Electrical Engineering
2020-2024

CERTIFICATIONS

- Summer School On Chip Design
- Nayatel Training

SKILLS

- RISC-V Processor Design in Verilog.
- Proficient in Digital Logic Design
- Performance Simulation of RISC-V Processor Architecture.
- Python Scripting / Bash Scripting
- C/C++ Language
- **Tools:**
Gem5/Spike/Qemu/Verilator/Ripes/Qflow

EXPERIENCE

Research Assistant

Namal AI & Big Data Center | 2023 - 2024

- At Namal AI & Big Data Center, I have started my journey in RISC-V Based Processor Design.
- Designed 32 bit RISC-V Processor
- Experience in HPC Cluster Design