

ABDUL QADEER

ELECTRICAL ENGINEER

INTRODUCTION

Let's dive into the world of electrical engineering together. I specialize in Computer Architecture and VLSI Design. Further, I have a lot of experience in Communication Systems, Electronics Design and Renewable Energy technologies fields and worked on different converters and inverters designs, grid connected and standalone solar systems design and modulation and demodulation techniques in communication.

Currently in my FYP, I have worked on Performance Simulation of RISC-V Architecture in gem5 and using Verilator SBC.

QUALIFICATIONS

BS Electrical Engineering(2020-24)
Namal University Mianwali

CONTACT INFO

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Home Address: P/O Mochh, Shah Gul
Muhammad Wali, Mianwali, Punjab, Pakistan

LANGUAGES

English
Urdu

SKILLS

Project Management
Good Communication

PROFICIENT EXPERTISE

• Computer Architecture

Processor Design
Verilog, C/C++

• Performance Simulations of RISC-V Architecture

Gem5
Spike
Qemu
Verilator

• Linux Operating System

Terminal
nano editor/ VIM editor

• Communication

Modulations and Demodulation of real time signals using suitable techniques.

• Renewable Energy Systems

PV Systems Design

- Grid Connected
- Standalone System

• Power Electronics

Inverters Design
Converters Design
Rectifier Design
Voltage Controller Design

EXPERIENCE

Research Assistant at Namal AI and Tech Center Namal University Mianwali