



# Muhammad Abdul Basit Qayyum Khan

ELECTRICAL ENGINEER

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🏠 Mianwali, Pakistan

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A pro-active and committed person who is all for one and one for all.

## ▶ EDUCATION

- **BS Electrical Engineering**  
Namal University, Mianwali (2021-2026)
- **FSc pre-engineering**  
Abdul Razzaq Fazaia College, Mianwali (2020)

## ▶ WORK EXPERIENCE

### 1. Teaching Assistant

Namal University, Mianwali

Oct 2024 – Dec 2024 · Part-time (3 months)

- Composed content on Dr. Muhammad Iqbal (RA) for Iqbal Corner at Namal Library.

### 2. Assistant to Procurement Head

Namal University, Mianwali

Nov 2023 · 1 month

- Managed procurement records and submitted purchase orders
- Data entry, documentation, email drafting, vendor quotation review.
- Inter-office collaboration and university policy compliance

## ▶ ORGANIZATIONS

### Space Research Trainee (On-site)

SRC-UCP / SUPARCO / RESOLVE Lahore

### Summer Intern (On-site)

Agritech Ltd (formerly PAFL) at Sikanderabad, Mianwali

### Telecom Intern (On-site)

National Telecommunication Station, Mianwali

### Virtual Intern

Center for Excellence & Skills Development (CESD) at Namal University, Mianwali

## ▶ SKILLS

### • Programming

C, C++, Python, Assembly

### • EDA & Simulation

PSpice, Proteus, ModelSim, LogiSim, ETAP, AutoCAD, Microchip Studio, Cisco Packet Tracer

### • IDEs & Platforms

Arduino IDE, Code::Blocks, DevC++, MLIR, IREE Compiler, ONNX

### • Soft Skills

MS Office, Event Management, Content Writing, Multi-tasking, Presentation Skills, Leadership, Problem Solving, Team Coordination

## ▶ UNDERGRADUATE PROJECTS

1. FYP: RISC-V AI Accelerator via MLIR/IREE compiler
2. CANSAT explorer satellite design, build & launch
3. LEGO EV3: PID Controller (open & closed loop)
4. ARDUINO RC Sumo / Balloon Bursting Robot
5. Automated Pest Control System (APCS)

## ▶ CERTIFICATES

- ❖ SPACE CAMP 2025 CERTIFICATE OF PARTICIPATION (SUPARCO / SRC-UCP) SEP 2025
- ❖ CANSAT COMPETITION CERTIFICATE OF PARTICIPATION (SRC-UCP / SUPARCO) OCT 2025
- ❖ NAMALTECH EXPO 2024 CERTIFICATE OF PARTICIPATION (NAMAL UNIVERSITY) MAY 2024
- ❖ BUSINESS IDEA COMPETITION CERTIFICATE OF ACHIEVEMENT (NAMAL IDEA CLUB) JAN 2025
- ❖ AFS VENTURE SPARK 2023 CERTIFICATE OF PARTICIPATION (MNSUAM) NOV 2023
- ❖ IEEE CERTIFICATE OF APPRECIATION EVENT MANAGEMENT 2022
- ❖ JASHN-E-REKHTA CERTIFICATE OF APPRECIATION MAGAZINE EDITOR 2023

## ▶ ACHIEVEMENT

Stood 5<sup>th</sup> out of 18 Teams in National CanSAT Competition held during WORLD SPACE WEEK 2025 and won the overall best participation award.

## ▶ INTERESTS

Marketing, Public Speaking, Poetry, Sports, Networking, Singing, Drama writing ectetra