

MANSOOR AHMED RIND

Rind Market Bustan, Kunri • +92-327-3202419 • mrind.bee23seecs@seecs.edu.pk
www.linkedin.com/anonymousengineer/

SUMMARY

As a dedicated student of NUST Islamabad, I have immersed myself in diverse fields of Engineering and Technology including Front-end Development, Aerial Robotics, C++/JavaScript Programming, 2D CAD Design, and Electrical Engineering, through hands-on Project work. I have valuable experience and honed my skills in these fields especially in Aerial Robotics (Quadcopters) and Front-end Development. My passion for technology and innovation drives me to create impactful solutions and contribute effectively to innovative Projects

WORK EXPERIENCE

Intern , Aerial Robotics Lab SINES NUST

June 2024 - August 2024

- Build hands-on Projects related to Drone Systems.

Intern , Korea EHT .co

July 2024 - August 2024

- Research Work on Electric Heat Tracking Systems

Intern , SEECS NUST

June 2024 - July 2024

- Build Website for EZ-UpSkills SEECS NUST
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PROJECTS:

Course Registration Website

- Build Full stack Course Registration website

XillBill Abaya Store

- Build an highly attractive and user-friendly Abaya store using WordPress and Wix

The Reality Of Truth

- Build an user-friendly News Website giving news about Palestine.

F450 Racing Quadcopter

- Build fast and highly efficient racing Quadcopter Drone using KK 2.1.5 Flight Controller

Robotic Arm

- Build Automatic Mobile Control and Motion Repeater Robotic Arm using ESP-32

Car Key Fobs Hacking Device

- Build Car Key Fob Hacking Device by using 433MHz RF Module and Arduino, using "RF24.h" Library

Live Monitoring System (Image Capturing)

- Build a Python Code which Capture Images by using OpenCV Python Library and used for monitoring purposes and etc.... in DJI Tello Drones

Face Tracking System

- Build a Python Code which uses the trained algorithm taken from GitHub, which detect the face and started tracking it while maintaining the safe distance and speed in DJI Tello Drones

Automatic StreetLight System

- Build Automatic Street Light which increase the attention of Driver during Long Drives and some other advancements.

Edu-Quiz System

- Build Automatic Quiz System using C++ taking also Multi-Quizzes and Students and Teacher have separate Account types.

Personal Portfolio

- Build Highly Attractive Personal Web-Portfolio Using Canva.
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EDUCATION

Bachelor's Of Electrical Engineer

Sep 2023 - June 2027

National University of Sciences and Technology

Higher School Certificate (HSC)

Aug 2021 - Aug 2023

Pre-Engineering | NewLife Higher Secondary School

ADDITIONAL INFORMATION

• Short Courses:

- 1.Web Development Course by SEECS NUST Islamabad
- 2.Electric Vehicle Training Course by My EV Academy Islamabad
- 3.IELTS Preparation Program by Universal Study Advisors and NUST Collaboration

• Certifications:

- 1.Python and ML Basics Courses by Great Learning and SimpliLearn
- 2.HTML, CSS and JavaScript Courses by Great Learning.
- 3.C++, JavaScript Courses by SimpliLearn.

• Social Work:

- 1.Book Asylum and Library Building to Charity School by TABA NUST Chapter.
- 2.School Ambassador of SEECS at Food Drive by CHADDAR NUST Chapter.
- 3.Campus Ambassador for Science Society UET.

• Attended Seminars:

- 1.CyberSecurity carrier guidance and awareness Seminar by TABA NUST.
- 2.ChipDesign Seminar by NUST Chip Design Center.
- 3.Web-Development on VS-Code by Microsoft Learn Ambassador.

- **Awards/Activities:** Received the "Best Project Of Semester" Award for outstanding project in 2nd Semester By Instructor.