

Hamza Sohail

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OBJECTIVE

I am an engineering student with a pragmatic approach towards the solution of complex engineering problems with the eagerness to use my skills, both technical and managerial, to contribute towards the betterment of company and society

WORK EXPERIENCE

National Institute of Electronics, Islamabad.

June'18 – Aug'18

- Internship Project: **"On board Vehicle Management System"**
- Understood the OBD-2 device mechanism and its configuration with CAR.

EDUCATION

Bachelors of Computer Engineering.

Oct '16 – Present

National University of Sciences and Technology (NUST), College of E&ME, Rawalpindi, Pakistan.

Intermediate – F.Sc (Federal Board of Intermediate and Secondary Education) (Score: 841/1100)

Sep '13 – June '15

Matriculation (Federal Board of Intermediate and Secondary Education) (Score: 967/1050)

Sep '11 – June '13

Fauji Foundation College for Boys, New Lalazar, Rawalpindi, Pakistan.

FINAL YEAR PROJECT

IoT based Real Time Safety Precaution System.

- Generic IoT Node (Sensors, WIFI Module, PCB)
- Web Portal and Mobile Application
- Generic Fuzzy Engine
- Interfacing of Camera.

SKILLS

- C++/C#
- Hardware Descriptive Language
- Web Development (HTML, CSS, JS, Front-end Framework -Angular)
- Python
- MATLAB
- SQL

FEATURED ENGINEERING PROJECTS

- **Grocery Management System (C++)**
- **Automatic Water Dispenser (PIC Microcontroller, Ultrasonic Sensor)**
- **Recommender System using Data Structures. (C++)**
- Design **Database of Tourism Management System. (C#, SQL)**
- Developed **Dashboard of my FYP (Angular 8, Angular Material)**

VOLUNTEERING AND COMMUNITY SERVICE

NUST Volunteer Club: As Deputy Director.

- Conducted two **Ramadan Drives** and three **Clothes Distribution Drive** for the underprivileged.
- Organized **Blood Donation Drive**.
- Went to **Old Age Home**

AWARDS AND ACHIEVEMENTS

- Won **First Prize** in Talent Hunt arranged by IEEE.
- Awarded numerous **Incentives** by Fauji Foundation for outstanding academic record.
- Won **First Prize in Table Tennis** for my House at Fauji Foundation.

INTERESTS

- Avid explorer of various dimensions of Computer Engineering beyond curriculum.
- Passionate cricket player | Traveling | Adventurism | Love E-games – **Call of Duty, Tekken 7, Mortal Kombat.**