Rohaid Ahmed Mirza

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Summary

Motivated and ambitious Computer Engineering undergraduate with strong technical skills and a passion for innovative problem-solving.

Final Year Project

- **Smart Phone Based Detection of Retinal Abnormalities (June 2022 ~ present)**
  - Detects the abnormalities produced in the diabetic eye.
  - User takes image from smartphone.
  - Mobile application integrated with the Artificial Intelligence (AI) identifies image as retinal and detects disease progression.

Internships

- **Center for Advanced Studies in Telecommunication COMSATS (July 2022 to August 2022)**
  - Designing the prototype for the project being worked upon
  - Maintain report of Daily Progress

- **Sui Northern Gas Pipelines Limited (July 2021 to August 2021)**
  - Scheduling daily plan of action
  - Maintaining daily progress report
  - Record Keeping

Education

- **Bachelor of Computer Engineering (2019 ~ present)**
  - COMSATS University Islamabad. ~ CGPA 2.35/4.0*
- **FSc in Pre-Engineering (2017 ~ 2019)**
  - Punjab College Rawalpindi - BISE Rawalpindi. ~ 734/1100 (66%)
- **Matriculation in Science Group (2015 ~ 2017)**
  - Siddeeq Public School, Rawalpindi - BISE Rawalpindi ~ 889/1100 (81%)

Key Strengths

- MATLAB (Advanced level)
- Verilog (Intermediate level)
- Xilinx (Intermediate level)
- AutoCAD (Beginner level)
- LTspice (Intermediate level)
- MySQL (Beginner level)
- MS-Office (Intermediate level)

Semester Project

- **Automatic Temperature Control System (June 2022)**
  - Temperature sensor and LCD interfaced to microcontroller along with a fan.
  - Detects and controls the fan's speed and displays it on the LCD.

Personal Details

- Father's Name: Rehan Musarrat
- Date of Birth: November 30th, 2001
- Mailing Address: House Number 42 – B, Asghar Mall Scheme, Rawalpindi
- Domicile: Punjab (Rawalpindi)
- Languages: English (Speak, Write), Urdu (Speak, Write)
- GitHub: Rohaid Ahmed Mirza | github.com
- LinkedIn: Rohaid Ahmed Mirza | LinkedIn