



## MUHAMMAD FAIZAN IKRAM

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### EDUCATION & QUALIFICATIONS

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#### Bachelors in Electrical Engineering

Oct 2018 – Present

Specialization in Computing  
Namal Institute, Mianwali  
CGPA: 3.293/4

#### Intermediate (Pre-Engineering)

Apr 2016 – March 2018

Superior College, Mianwali  
Marks: 915/1100

### PROFESSIONAL EXPERIENCE

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#### The Sparks Foundation

Oct 2021 – Nov 2021

Computer Vision and IoT Intern

- Worked on different computer vision projects and submitted project activities throughout the internship program.

#### Mindstorm Engineering

Sep 2021 – Oct 2021

IIoT - Industry 4.0 Intern

- Gained productive experience with IIoT technology and practiced related tools and software used in IIoT Industry 4.0.

#### Pak Elektron Limited (PEL)

June 2021- July 2021

Electrical Engineer Experience (Summer Internship)

- Worked on Automatic Meter Reading System project and analyzed the potential of the project implications in Pakistan and submitted a comprehensive internship report (Research Project).

### PROJECTS

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#### Realization and Implementation of Communication for Hearing Impaired and Inarticulate people (FYP):

Working on a mobile application-based system to convert Sign Language of hearing impaired and inarticulate people into Speech and Text for better communication using Computer Vision and Image Processing techniques.

**Laser Security System:** Worked on a Laser-based security system project and created a prototype for the home security automation – Technologies used: Proteus.

**Line Follower Robot and Bluetooth Controlled Car:** Worked in a group project and built a Lego Line Follower Robot and Bluetooth Controlled Car prototype – Technologies used: Mindstorms EV3, MATLAB, Arduino, MIT App Inventor.

**Basic Signal Generator:** Worked in a group project and built a basic signal (sine, square and saw-tooth) generator in electronics – Technologies used: Proteus and OrCad.

**Programming Projects:** Speech Recognition System, Restaurant Management System, Tic Tac Toe Game, Paddle Ball Game – Technologies used: MATLAB, C++ and Python.

### ADDITIONAL EXPERIENCE

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#### Fiverr.com, Content Writer and Print Media Designer

Apr 2020 – Present

- Working on print media design and technical content writing projects for international clients.

#### IEEE Namal Student Branch, Media Head

Apr 2020 – Jan 2021

- Responsible for digital marketing and advertisement, research and content creation.

### HONORS & AWARDS

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- Participated in organizing "Open House Day" with Namal Career Placement Cell, 2019.
- Worked as a volunteer at an executive position in management for social welfare at ASWO Mianwali, 2020

### SKILLS & INTERESTS

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- Key Skills:** Technical Writing, Attention to Details, Communication (Verbal & Written), Team Work, Proactive.
- Competent user of MS Office** (Word, PowerPoint, Excel), MATLAB, OrCAD, Proteus, Visual Studio, AutoCad,
- Interests:** Machine Learning, Artificial Intelligence, Entrepreneurship, Badminton, Freelancing, Music.