



SHANZE NAWAZ KHAN

Address: House No. 176-B, Raza Town, Canal Road, Faisalabad

Cell: +923304505936 | shanzekhan665@gmail.com

Date of Birth: 12/11/2000

Linkedin Profile: <https://www.linkedin.com/in/shanze-khan-441679216>

EDUCATION & QUALIFICATIONS

Bachelors in Electrical Engineering (BS Hons.)

May 2022

Major (Computing) Minor (Electronics)

Namal Institute, Mianwali

CGPA: 3.624/4

PROFESSIONAL EXPERIENCE

PTCL

Aug 2021- Sep 2021

Internship Trainee, Switching Department

- Observing the PTCL network system and operation of Huawei Soft Switch and EWSD

Trainee at HCC Technology Foundation

Feb 2022- Present

- Training of C# programming language and soft-skills development

Namal Admission Coordinator

Jan 2022-Present

- Conducting admission outreach campaign in different cities of Pakistan

PROJECTS

Final Year Project: Working on “Nutrients Deficiency Detection in Crops using Machine Learning”. It includes training a model to perform classification and then displaying the nutrient deficiency to the user on the mobile application, developed.

Home Automation: Automation of fans, bulbs, electric geyser, street lights and water tank using Bluetooth module in Arduino IDE.

Line Following Robot: Made a line following Lego robot using Mindstorms EV3 and MATLAB.

4-bit ALU: Implemented a 4-bit ALU on proteus.

Programming Projects: Tic Tac Toe game using python and C++. Ping Pong game using Scratch.

Research Paper: Submitted a research paper on “The Social and Ethical Aspects of the sinking of Titanic”.

Report: Submitted a report on “The Poor Dietary Habits of University Students and its effects on their Health”.

ADDITIONAL EXPERIENCE

- Student Membership of IEEE
- Head of Decor Team, IEEE Namal Student Branch 8/2019- 5/2020
- General Member, IEEE WIE Namal Student Branch 1/2020- 5/2020
- Member of Event Management Committee, TEDx Namal 10/2018- 6/2019
- Social Media Management, Voice of Namal 1/2019-3/2019

HONORS & AWARDS

- Hands on Arduino Workshop Certificate (IEEE)
- Data visualization and Analysis using Python, Workshop Certificate (IEEE)
- Certificate of Participation for the Workshop on “The Basic Art of Machine Learning”
- 100 % merit scholarship in Fsc. Pre-engineering
- Full fee merit scholarship in BS Hons. EE

SKILLS & INTERESTS

- Programming:** C, C++, C#, Python, Assembly
- Tools/Software:** MATLAB, PSPICE, Proteus, Keil uvision, Arduino IDE, AutoCAD, Anaconda, Visual Studio, Microsoft Office
- Soft Skills:** Professional Communication, Strong Numeracy, Self-Management including planning and meeting deadlines, Enthusiastic Learner, Team work, Flexibility
- Interests:** Machine Learning, Image Processing, Mobile Application Development, Mathematics, Arts, Photography