

# FARIYA KHAN

## SOFTWARE ENGINEER

I'm a determined software engineering student that is focused on learning new technologies and skills. I'm eager to work in a firm that values growth in order to contribute to the company and to enhance my career development.

**Personality highlights:** Well-Organized, Motivated by problem solving, Works well with deadlines leadership and Collaborative.

## TECHNICAL SKILLS

### Web Development

- HTML, CSS, JAVA Script
- SQL, MySQL, PHP
- React JS

### Programming languages

- Python
- C++

### Data Science

#### Python Libraries

- Numpy & Pandas for data analysis
- Matplotlib data visualization
- Tensor flow, keras, Scikit-learn for machine learning
- MATLAB
- OpenCV

### Testing

- Manual testing
- Automation Testing (proficient in Katalon)

### Other Skills

- Elementary knowledge of Linux OS
- MS Office
- Git, Github

## CERTIFICATIONS

### UDEMY

- C++ Scientific Programming Bundle
- SQL- The complete introduction
- Python Scripting
- React JS- Complete Guide for Frontend Web Development

### COURSERA

- Computer Vision Basics

### SOLOLEARN

- Introduction to Python
- Python for Data Science

## CONTACT

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## EDUCATION

### NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

Software Engineering | 2019 -Present  
Final year with 3.69 CGPA

### BAMM PECHS GOVT COLLEGE FOR WOMEN

Pre engineering | 2017 - 2019  
Completed intermediate with A-One grade

## WORK EXPERIENCE

### PAKISTAN COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (PCSIR)

#### Data Science Intern | September 2022 - October 2022

worked with experts in the field and medical professionals to implement a deep learning solution for a variety of medical issues, such as vascular segmentation and diabetic retinopathy.

### FOLIO 3

#### Intern at summer internship program | June 2022 - August 2022

Experienced different software engineering practices like Wireframes prototypes, UI/UX Design, Project lifecycle along with UML Diagrams, project management and specs writing), QA testing techniques and react redux in web development.

### SUI SOUTHERN GAS COMPANY (SSGC)

#### IT Intern | Sep 2021 - Oct 2021

Learned the Oracle ERP system, and the modules which SSGC has implemented. Development and upkeep of SSGC website and an understanding of the databases operated there and the data management.

## PROJECTS

### Image transformation web app based on Computer Vision

Developed a software that uses Python's Digital Library tools to colorize, blur, and transform images in various styles

### Augmented Reality Mobile App

Flutter, Dart, and AR Core were used to create a virtual furniture store where customers could view the furniture before buying it using their cameras.

### Responsive Website For Licensed Supply of Arms

Developed an ecommerce website for arms and ammunition using HTML, CSS, JS, VANILA JS, SQL and PHP

### 3D Basket Ball game

A 3D basket ball game using Unity Engine and C#.