



SALMAN EJAZ

ELECTRICAL ENGINEER

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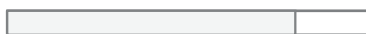
[https://www.linkedin.com/in/
salman-ejaz-9075961bb/](https://www.linkedin.com/in/salman-ejaz-9075961bb/)

SKILLS

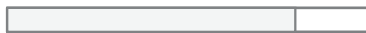
VISUAL STUDIO C#



PYTHON



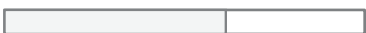
C++



TENSORFLOW



MySQL



ADOBE LIGHTROOM



PROTEUS



MATLAB



EDUCATION

BE ELECTRICAL ENGG @ NUST CEME

2016 - 2020

> Electives: Ai, Machine learning, Computer Vision

PROJECTS

> FYP - SMART CABINET

Theoretical design and simulation of Energy Saving Intelligent Smart Home System capable of saving energy effectively and a cost friendly solution.

> IMAGE RECOGNITION USING SVM CLASSIFICATION

Scene image recognition via Bag of Words, Deep features based on characteristics of user.

> HARRIS KEYPOINT DETECTOR

Implementing Harris Keypoint Detector from scratch to find the keypoints of given images.

> FILE HANDLING USING C++

Virtual hard drive: Using visual studio and codeblock IDEs made algorithms to manage data structures.

> DESIGN OF LIBRARY MANAGEMENT SYSTEM USING C#

Implemented an easy to access and store management system using C# language.

> AUTO-TRACKING SOLAR PANEL

Arduino based self rotating solar panel system using LDR.

> ELECTRONIC CIRCUIT OF RADIO

Design, implementing and fabricating radio communication circuit using electronics.

> SOUND EQUALIZER ON MATLAB GUI

Designing an equalizer on MATLAB with its GUI toolbox to filter and improve SNR.

EXPERIENCE

MACHINE LEARNING ENGINEER INTERN @ IVY INTERACTIVE

December 2021 - on going

Training to become a good developer and capable of working on enterprise-level projects.

VIRTUAL EXPERIENCE @ JPMORGAN CHASE

December 2021

Software Engineering Virtual Experience program: Obtained valuable tech skills using JPMC frameworks and tools to interface with a stock price data feed for traders.

INTERNSHIP @ HOO CONTROLS

June 2019 - September 2020

Design and implementaion of Smart Energy Meters and Home solutions.

INTERNSHIP @ TOYOTA ISLAMABAD MOTORS

August 2018 - September 2018

Service and Sales department: Improving agility and hands-on experience of pre-delivery process.

EXTRA-CURRICULAR

> DIRECTOR PR @ NUST EME OLYMPIAD

> HOBBIES > > SWIMMING > HIKING > TENNIS
> TRAVELLING > PHOTOGRAPHY > NETFLIX