



Faran Masood Peerzada

Address:

House no. 40B, Paragon Ideal Homes ,
Bahawalpur, Pakistan

Phone:

+923005078036

Email:

faranpeerzada253@gmail.com

Education

- **National University of Engineering and Technology**
M.Sc Mechatronics Engineering
- Research Interest: Machine Vision , Robotics, Machine Learning
- 1.5 Year Course Work Completed, CGPA is 3.56/4.0
Islamabad , Pakistan
2017 – In Progress
- **University College of Engineering and Technology, IUB**
B.Sc Computer Systems Engineering
- Specialized in Image Processing and Robotics
- Graduated with a CGPA of 3.46/4.0
Bahawalpur, Pakistan
2012 – 2016

Skill Highlights

- Programming skills in C++, Python, MATLAB, OpenCV, PHP.
- Hands On Experience with electronic Component Testing equipment i.e. IC-Tester, curve Tracer.
- PCB designing Softwares i.e. Proteus, ExpressPCB.
- Hands on Experience with DJI Drones i.e. Phantom 4 and Matrice 100.
- Drone's Image Stitching Tools i.e. WebODM and Zephyr Aerial.
- Data analysis using Machine Learning Algorithms.
- Operating System: Linux and windows.
- Microsoft office i.e. Word, Excel, Power Point, Visio.
- Latex

Experience

- ❖ **CABI Regional Research Centre Pakistan**
• **Working as Research Assistant on a Project "Remote Sensing – Parthenium In Pakistan"**
• Literature Review for Parthenium weed.
• High Resolution Data Collection Using Drone.
• Stitch collected data to acquire Mosaics.
• Process data to acquire desired results.
• Hardware assembly for the project.
• Develop Maps to collect data using drone
Opposite 1-A, Data Ganj Bakhsh Road,
Rawalpindi, Pakistan
June 2019 – currently Working
- ❖ **SOMTOM Media PVT Ltd.**
• **Web Development**
• PHP Developer and Database Administrator
G-8 Markaz, Islamabad, Pakistan
October 2018 – April 2019
- ❖ **Internee at National Internship Program**
• **Teaching Assistantship**
• Computer Vision with Dr. Waqar Shahid
College of Electrical and Mechanical
Engineering, NUST Rawalpindi, Pakistan
June 2017 - July 2018

Workshops and Projects

- **Oracle Database** workshop.
- **MATLAB** workshop.
- **M.Sc. Course Project**
 - Smart Touch Pen for Smart devices
- **B.Sc. Final Year Project**
 - Human Presence Based Auto Switching of Room Appliances to Save Energy
- **B.Sc. Course Project**
 - Counter Based Traffic Control System

Languages

- English
- Urdu

Certifications

- **CCNA (Routing and Switching)** from CORVIT Systems, Lahore, Pakistan.
- **Linux (RHCSA)** from CORVIT Systems, Lahore, Pakistan.
- **Web Development using PHP** from Aptech Bahawalpur, Pakistan

References

- Dr. Joseph Fennell, Postdoctoral Research Associate. Jodrell Bank Centre for Astrophysics the University of Manchester, England
joseph.fennell@manchester.ac.uk
- Dr. Muhammad Usman, Assistant Professor
Centre for Geographical information System, University of the Punjab Lahore, Pakistan
Muhammadusman.gis@pu.edu.pk
- Dr. Waqar Shahid Qureshi, Assistant Professor
National University of Sciences and Technology (NUST), Islamabad Pakistan
waqar.shahid@alumni.ait.asia