

## **ELECTRONICS ENGINEER**

**Name: BILAL.M.YOUSUF**

**Address: 10/21 4TH FLOOR MUHAMMADI CENTER NAZIMABAD 5D KARACHI**

**Date of Birth: 16/07/1993**

**Email Id: bilalmyousuf4@gmail.com**

**Contact No.: +923232123802**

**CNIC No: 42301-6409665-3**

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### **Career Statement**

To acquire a position as an Engineer to providing further development of Engineering skills & intend to contribute my skills to the result oriented organization.

### **Career Summary**

- Currently, I am working as a **LAB ENGINEER** in **FAST UNIVERSITY** from January 2017. Earlier in the past has been working as an **Electrical Engineer** in **Electrical Department** in **PIONEER CABLES** for 4 months and I am pursuing my Masters Program in **ELECTRICAL DEPARTMENT** majors in **CONTROL SYSTEM** and I have completed my degree related to the program, Bachelors of Electrical Engineering with a specialization of Electronics. I am highly organized and laborious.
- I am able to do multitasking and am detail oriented. My final project is funded by ICT R&D (NIGRI 2014-15). I am proficient with the use of software's, which is required for the job purpose.
- I have been appreciated by my instructors for being good at hardware troubleshooting.
- I wish to offer my services to your organization and help furnish the mission and visions of your prestigious organization.
- I'm confident that my career aspirations would be an asset to your organization and I assure you that if selected, I will not let you and your organization down & will be sincerely dedicated to my work.

### **Project Experience**

- Implemented tracking eye motion computer vision based human computer interaction methodology as my final year project
- Implemented AM and FM modulator in my semester project
- Completed microprocessor based project in one of my semesters
- Currently working on the audio signal segmentation project
- Currently done a project of Wall following UGV with Control technique simulation and modeling
- Implement Non-Standard License Plate project on MATLAB through image processing
- Implement simulation results regarding regulation of non-linear system through adaptive control

### **Publications**

1. Bilal M Yousuf, Hassaan Ali Qazi, Zakir Hussain," Comparison of UAV Based Person Detection and Tracking Techniques," 7th International Conference on Information & Communication Technologies, IBA 2017.
2. Hassaan Ali qazi, Umar jhangir, Bilal M Yousuf and Aqib Noor," Human Action Recognition Using SIFT and HOG method," 7th International Conference on Information & Communication Technologies, IBA 2017.
3. Bilal M Yousuf, Maham Ghauri, Neel Kanwal," Output Regulation for Class of a Nonlinear system with Nonlinear Exosystem utilizing Servomechanism," International Conference On Latest trends in Electrical Engineering & Computing Technologies, PAF-KIET, 2017

## Work Experience

- **FAST UNIVERSITY (NATIONAL UNIVERSITY)**

Currently Working as **Lab Engineer** in this firm since January 2017, I have to teach Practical work through on different software to university grads and also prepare lectures for them and help students in their final year project.

- **PIONEER CABLES (19 September, 2016 to 31 December, 2016)**

I worked as **Electrical Engineer** in this firm from September 2016; I have to manage every electrical thing related to troubleshooting in the machine and also manager control room and servicing of DC drives. And also, help the production department for their assistants they need

- **STEMERS (5 September, 2015 to 10 September, 2016)**

I worked as **Program manager and instructor** since August 2015. I taught differently Courses like 3D printing, Game development and Robotics, etc. Also managed content for the website and Facebook page and also made a valuable presentation for the students and managed the educational activities for students and also designed different robotics kit for the students.

## Internship Experience

- **PAKISTAN TELECOMMUNICATION LIMITED (PTCL):**

They entertained my internship there i.e. July 7, 2014 in August 17, 2014.

There I acknowledged by data transmission procedures & got familiar with the software's that are being used in the switching department. Also, I observed working at the wireless department

- **PRECISION ENGINEERING COMPLEX (PEC):**

They entertained my internship there i.e. Jan 27, 2015 to Feb, 09 2015.

Being an intern, I learned production of spare parts of Aircrafts & observed working on casting, R&D, PCB, Electrical Assembly, Machine and Maintenance Department.

## Skills

- Programming in C/ C++, AutoCAD, circuit designing
- PLC, micro-controller and FPGA programming,
- CCNA routing and switching is in progress
- MS-OFFICE certified, In-page, Photoshop
- Game development (stencil, construct 2)
- Motor wiring and troubleshooting
- Latex Software for paper writing
- Matlab Simulations
- P-spice Simulator
- MIT APP Inventor

## Educational Qualifications

- Currently completed 3<sup>rd</sup> semester of the Master program in Control system from Pakistan Navy Engineering College (NUST) with CGPA of 3.81 (completion date is April-May 2018)
- Bachelors completed with an A grade with CGPA of 3.92 from Usman Institute of Technology (Hamdard university) in 2015
- H.S.C completed with 77.5% from govt dehli college in 2011
- S.S.C completed with 81.5% from citizen public secondary school in 2009.

## Achievements

- Obtained scholarship of “95000” from ICT R&D for my final year project in ”2015”
- Ranked “A+” in the S.S.C merit list
- Ranked “A” in the H.S.C merit list
- Obtained 5 scholarships of Rs “45000” from Usman Institute of technology (Hamdard university) for getting more than 3.9 GPA
- Certified course of AutoCAD, PLC, Micro-controller
- Procom Judge of Robotic Competition

## Extra Circular Activates

- Lead the IEEE team as a chairman and the Active Member of “IEEE”
- Faculty Head of IEEE-NUCES (RAS Chapter)
- IEEE Student Member

## Languages

- English
- Urdu

## Hobbies

- Clearing basic concepts of science & engineering.
- Research
- Cricket
- Badminton
- Photography

## References

- Will be provided as needed.