PERSONAL INFORMATION

Syeda Zuriat-e-Zehra Ali

C-282 Street#14 Lala Rukh Wah Cantt, 47040 Wah Cantt (Pakistan)

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zuriat2215@yahoo.com

Date of birth 15 Dec 1997 | Nationality Pakistani

PERSONAL STATEMENT

To learn more and to grow more, To seek an environment that offers me the opportunity for increasing levels of responsibility and professional growth and also to become a part of a professional team, work in a challenging and professional environment as a member.

EDUCATION AND TRAINING

1 Sep 2014–1 Aug 2018   **BS. Electronic Engineering CGPA: 3.54/4**

International Islamic University Islamabad, Islamabad (Pakistan)

- Subjects

  Control Systems
  Power Electronics
  Computer Networks
  Electronic Circuit Design
  Digital Signal Processing
  FPGA
  Circuit Analysis

- Final Year Project

  Sleep Apnea Smart Pillow
  Sleep Apnea is a common disorder of sleep caused by obstructing airflow due to collapse of the soft tissue surrounding the upper airway of mouth or throat, and normal breathing would start again with a loud snort or choking sound. We have implemented IoT based real time auto adjustable smart pillow system which enables both Apnea detection as well as treatment. Sleep apnea events can be detected in real time using pulseoximeter and chest belt, accordingly, the height and shape of pillow can be automatically adjusted to terminate Sleep Apnea event. Compared with existing diagnosis or treatment devices our system is comfortable, non-invasive, inexpensive and portable which can be used at home or during travelling.

2012–2014   **FSC(Pre-engineering) 784/1100 (1st div)**

W.S.S.O Mashal Degree College For Women, Wah Cantt, Wah Cantt (Pakistan)

Maths , Chemistry, Physics

2012   **Matriculation (Science) 869/1050 (1st div)**

Saint Paul High School, Wah Cantt (Pakistan)

Bio, Chem, Phy, Math

WORK EXPERIENCE

19 Jul 2017–19 Aug 2017   **Internee**

Pakistan Ordinance Factories (POF), Wah Cantt (Pakistan)

I worked in the following sections at POF:
Instrument and Electronics

Design Office Electrical (DOE)

PTCL Exchange

PERSONAL SKILLS

Other skills

- Proficient or familiar with a vast array of programming languages, software's and technologies including:
- MS Office
- C, C++
- FPGA
- Proteus
- Pro E
- Matlab
- Keil micro vision
- Lab View for dsp
- Xilinx
- Dip Trace
- Circuit Designing

ADDITIONAL INFORMATION

Projects (Research Work)

- Cell Phone Detector
- Three Way Traffic Lights
- Heart Beat Monitor
- AM Modulation and Demodulation
- Laser Security System
- Obstacle Avoiding Robot
- Water Level Detector
- Automatic Room Light

Certificate, Shield, Awards and other Accomplishments

- Participated in COMSATS Mathematical Olympiad
- Participated in Techfest'16 And Ranaissance'16 (GIKI)
- Participated in Project Exhibition ,IIUI
- National Workshop On Power Electronics And Renewable Integration
- Workshop On Soldering And PCB
- Workshop On Adobe Illustrator

Interests

- PCB Designing
- Programming Languages
- Control Systems
- Circuit Analysis
- Software Exploring
- Internet Exploring

References

Name	Designation	Email Id
Dr.Abdul Jalil	Professor IIUI	abdul.jalil@iiu.edu.pk
Engr. Maria Murad	Lecturer IIUI	maria.murad@iiu.edu.pk
Mrs. Muniba Ahmad	Lecturer IIUI	muniba.ahmad@iiu.edu.pk

Their cell no's will be furnished upon request.