

RAJA HASEEB UR REHMAN

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CAREER OBJECTIVE

Highly motivated and passionate to pursue a challenging career in a professional organization to add value for the development for electronics Industry and effectively utilize my knowledge and experience to polish my skills. A creative Electrical Engineering student who aims of making this world a better place to live in by engineering life-changing products and new technologies. Greatly committed to learn, teach and improve.

PERSONAL INFORMATION

▶ Father Name	Raja Abdul Wahid	▶ Religion	Islam
▶ Date of Birth	July 17 th , 1997	▶ ID Card #	37405-1294476-9
▶ Domicile	Islamabad	▶ Marital Status	Single

PROFESSIONAL QUALIFICATION

<u>Particulars</u>	<u>Years</u>	<u>CGPA</u>
▶ BS in Electrical Engineering <i>Pakistan Institute of Engineering and Applied Sciences, Islamabad..</i>	2014-2018	3.32

PROJECTS

- ▶ ***Design and Develop an Artificially Intelligent Robot***
June 2015 – Present

Working to design and develop an autonomous robot that can localize itself in an unknown environment and can plan its path according to the map.

We have been working on designing and fabricating the robots mechanical structure, controls etc. The electronic control modules (including all electronic boards and motor drivers etc.) have also been designed and manufactured by us.

The team consists of 5 members.

- ▶ ***Implementation of Tic-tac-toe game on FPGA Kit***
- ▶ ***Automatic Wireless Level Control Sytsem***
Sep 2017 – Present

In our final year project, we are working on water level measurement system. The main idea of our project is to be able to automatically measure and control the level of water in the water storage tanks in our homes. The key element that makes this a unique solution to the “level control” problem is that, that the communication between the different modules of our project will be wireless and for that purpose, we have chosen Zigbee protocol as our medium of wireless communication, based on the idea of Internet of Thing (IoT).

BASIC ACADEMICS

<u>Particulars</u>	<u>Year</u>	<u>Grade/%age</u>
▶ Board of Intermediate and Secondary Education, Rawalpindi – Pakistan Higher Secondary School Certificate (HSSC) <i>Punjab College of Information Technology</i>	Jun 2012 - Jun 2014	A+ / 88%
▶ Board of Intermediate and Secondary Education, Rawalpindi – Pakistan Secondary School Certificate (SSC) <i>Asif Public School System</i>	Jun 2010 - Jun 2012	A+ / 90.95%

TECHNICAL EXPERTISE

- | | |
|--|-------------------|
| ▶ C, C++ | ▶ Lt Spice |
| ▶ Microcontrollers | ▶ NI Multisim |
| ▶ Excel in MS Word, MS Excel, and MS PowerPoint. | ▶ Proteus |
| ▶ Digital Electronics | ▶ Adobe Photoshop |
| ▶ Graphic Design | ▶ Circuit Design |
| ▶ Windows | ▶ Arduino |
| ▶ Software | ▶ Computer Games |
| ▶ MATLAB | ▶ MPLAB |
| ▶ MikroC | ▶ XCTU |

COURSES STUDIED

- | | |
|---|---|
| ▶ Electronic Circuit and Design | ▶ Computer Fundamentals and Programming |
| ▶ Measurement and Instrumentation | ▶ Ordinary Differential Equations |
| ▶ Calculus | ▶ Complex Analysis |
| ▶ Signal and Systems | ▶ Linear Algebra |
| ▶ Electrical Machines | ▶ Digital Logic Design |
| ▶ Microprocessors and their Interfacing | ▶ Electromagnetic Theory |
| ▶ Engineering Economics | ▶ Technical Writing |
| ▶ Grammar and Composition | ▶ Applied Thermodynamics |
| ▶ Circuit Analysis | ▶ Computational Intelligence |

SUMMARY OF KEY SOFT SKILLS

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|--|-----------------------------|
| ▶ Multi-tasking | ▶ Team Player |
| ▶ Resource Management | ▶ Flexibility/ Adaptability |
| ▶ Leadership Skills and Decision Making Capability | ▶ Good Communication Skills |
| ▶ Strategic Planning | ▶ Project Management |

EXPERIENCE

- ▶ ***Executive Member at TEDx PIEAS***
December 2015 - 2017
 - Responsible for Team Building
 - Responsible for Speaker and Audience Curation
 - Head External Relations Team.
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▶ ***Chief Communications Officer, Society for Promotion of Entrepreneurship and Leadership (SPEL)***

December 2014 – 2017

- Management work in all the events organized by SPEL
- Organizing all the meetings of the society
- Staying in contact with all the society members and spreading news about the upcoming events
- Helping in bringing new ideas in the society about events and competitions
- Contacting and informing all the ambassadors and participants of the events about details of the event

▶ ***Head Gaming, PIEAS National Olympiad***

December 2014 – 2017

- Organizing and management of the whole gaming event

▶ ***Executive Member, PIEAS Cyber-Gaming Club***

December 2014 – 2017

CERTIFICATIONS

▶ ***Microsoft Office Specialist Word 2013***

December 2016 – Present

https://www.youracclaim.com/badges/60f98c46-ffd8-45bd-8d33-82fbfdbeaadf/linked_in_profile

ADDITIONAL INFO

Interests

Artificial Intelligence, data science, IoT, travelling, sports and games, movies, TV-series, music, software, designing, photography, editing, Photoshop, research work, projects, books and novels, electronic circuits, new technologies.

LINGUISTIC SKILLS

- ▶ Ability to read, write and speak English, Urdu and Punjabi.
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