

Asif Hussain

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Objective:

I am currently looking for a full time position in an environment that offers a greater challenge, increased benefits for my family, and the opportunity to help the company advance efficiently and productively

Research Interest:

- Simultaneous Localization and Mapping
- Autonomous Navigation and Motion Planning
- Mobile Robotics

Eduaction:

2014-2018	Bachelor of Science, B.S(honor) Electronics Preston University Kohat, Islamabad Campus Pakistan
2011-2013	F.Sc. (Pre-Engineering) Govt. College University Faisalabad.
2009-2011	Matriculation in Science Pilot Model School Parachinar Kurram Agency.

Major Courses studied in Electrical (Electronics) Engineering:

Principle of Electronics, Solid State Electronics, Industrial Electronics, Power Electronics, Optics, Analog and digital communication, Quantum Mechanics, Electricity and Magnetism, Computational Physics, Control Systems, Industrial Automation.

Academic Projects:

- Line following Robot using Microcontroller.
- Analog to digital signal converter.
- Demux and Mux of (4×8)
- PLC based home automation.

Research project:

“GPS based vehicle tracking system using GSM and Arduino”

I have designed a system that is used for the tracking and placement of any vehicle through the use of Global Positioning System [GPS] and Global System for Mobile Communication [GSM]. We are using Arduino Uno R3 and GSM sim900 module. The design is an embedded application, which will continuously monitor a moving vehicle and report the state of the vehicle on demand.

PROFESSIONAL EXPERIENCE:

- 4 months experience in AH Automation i-9 Islamabad
 - 6 month internship in PTCL office Parachinar.
 - 3 months courses of PLC SCADA in SINA academy Islamabad.
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Honors & Award:

- Got Talent Award 2015 in Talent Award Show which was held in Preston University.
 - Founder of society of Innovative Electronics Preston University.
 - Got 2nd position in robot competition which was held in National Institute of Electronics.
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General Skills:

- Microsoft Office Tools (Word, Power Point, Outlook).
 - Basic knowledge of Assembly, AutoCAD, MATLAB, Lab View.
 - Electronics Simulators (Proteus, AIM-Spice).
 - Motivation to learn and survive in different cultures and tough situation.
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Languages:

Proficient in English, Urdu and Pashto (Listening/Speaking/ Writing/Reading).