

Abdul Samad



PEC NO: 62065

Contact

Islamabad, Pakistan

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Technical Skills

Programming Languages:

C/C++, HTML, PHP, Java, CSS, MATLAB.

Software:

Xilinx ISE, Simulink, Proteus, Adobe Photoshop, Net Beans, Microsoft Office, MS Visio, MS Project.

Other skills:

Cisco Packet Tracer, Web development, Technical Writing

Communication Skills

- Good communication skills, developed through participating in speech competition in school and college level.
- Good writing skills gained through projects and report writing

PROFESSIONAL PROFILE

Searching for a position where I can apply my skills, aptitude and knowledge to mutually benefit my employer and myself for future growth and success.

PROFESSIONAL EXPERIENCE

Trainee engineer

National Institute of Electronics Islamabad, Pakistan 1st Aug 2016-30th Aug 2016

Engineering Intern

UNISON EIC | Cubator 1ne, CIIT, Islamabad

Marketing and organizing technical workshops for engineering students and professionals.

Education

BSc Electrical (Computer) Engineering Feb 2013 – Jan 2017
COMSATS Institute of Information Technology | Islamabad, Pakistan
CGPA: 3.3/ 4

A-Levels 2010 – 2012
Spring Field Public School/College

O-Levels 2008 – 2010
Spring Field Public School/College

Achievements

- Lead my team into the semifinals in inter campus Cricket Tournament
- Runner up in inter college Table Tennis Tournament
- Won soccer championship final at inter college sports competition
- Attained multiple certificates for participating in various workshops
- Completed a high profile internship at National Institute of Electronics

Projects

Final Year Project:

Data Transmission Through Light

Light Fidelity or Li-Fi is a Visible Light Communication (VLC) system running wireless communications travelling at very high speeds. Li-Fi uses common household LED (light emitting diodes) light bulbs to enable data transfer. It accommodates a photo-detector to receive light signals and a signal processing element to convert the data into 'stream-able' content. An LED light bulb is a semi-conductor light source meaning that the constant current of electricity supplied to an LED light bulb can be dipped and dimmed, up and down at extremely high speeds, without being visible to the human eye.

Hardware's and software's used:

- LED's
- Photodetectors.
- Arduino
- Matlab

Academic Projects:

- 32-bit MIPS pipeline processor using Xilinx ISE.
- Dynamic website of online Shopping using Php,Css and html tags.
- Band graphic equalizer
- Water level Indicator
- Digital Timer Implementation using BCD 4026 and 7-segment displays.

Certifications

Personality Assessment Skills Training Level-1

UNISON EDU and IT Consultants | Islamabad, Pakistan

2 Day Introductory Course on Technical Writing Skills

UNISON EDU and IT Consultants | Islamabad, Pakistan

Workshops

Organized:

- PLC / SCADA Workshop.
- Raspberry Pi Workshop.

References

Dr. Hammad Omer

Assistant Professor

COMSATS Institute of Information Technology, Islamabad, Pakistan

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(PhD. Imperial College London, 2012)

Relation: Final Year Project Co Supervisor