SAJID HUSSAIN

Permanent address Tehsil Sehnsa District Kotli P/O Sehnsa Azad Kashmir
Present address I-14, Islamabad
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Objective

Seeking an opportunity where I can continue progress of my career in a conducive working environment in the engineering sector where I can provide valuable benefits to the organization by utilizing my engineering skills. I am willing to work anywhere.

Education

- **BSc Electrical Engineering Electronics (PEC REG.)**   **(2013-2017)**
  Riphah International University I/14 Islamabad
- **F.Sc Pre Engineering (HSSC)**   **(2011-2012)**
  Cadet College Chakwal
- **Matriculation (SSC)**   **(2008-2010)**
  Cadet College Chakwal

Experience

National Telecom Company (NTC)
- Completed 6 Weeks Internship at NTC in Green exchange switch & online support (23nd June, 16 To 03rd Aug, 16).

TBEA Joint Venture Chinese Company
- 500/ 220/132KV Substation as a Trainee Engineer in city Raheem Yar Khan 3 Months Internship.

Fazal & Sons Enterprises and construction company PVT Ltd:
- As a Site Manager dealing with all side aspects both Civil & Electrical, Since 12 Sep. 2018 to 12 June 2019.

Oil & Gas development company (OGDCL)
- Attachment 01 month in Rig Maintenance Department work in workshop and in Rig Dc power control station knowing all basics of Rig work from 07 July to 02 August 2019.

CGGC-CMEC NJ Project Management in Pakistan
- Work as a trainee Electrical Engineer from 10th Aug 2019 to 31st May 2020.

Final Year Project

SDR: Software Defined Radio

- Turns radio hardware problems into software problems.
- Multiple functionalities
- Performs controlling and processing in software rather than hardware.
- Have multiple functionalities and its capability to use maximum frequency spectrum.
- The software can be updated so the device doesn't become obsolete with time.
- We use GNU Radio companion, Frequency Band 10 MHz to 6 GHz ADC Sampling 8 bit, Bandwidth 20 MHz, Multi Core Processor, Sampling 20M sample/sec.

Semester Projects

- **Street Light using light sensor**
- **Power supply**
- **Automatic water level Detector Microcontroller**
- **Multiprocessing between three Microcontroller**
- **FM Radio Receive**

Major Subjects

• Control System • Electric Circuits • Network Analysis • Electric Machines System	• Power Electronics • Digital Logic Design • Digital Signal Processing	• Communication system • FPGA Based Design • Power System	• Linear control System

Engineering Tools

- AutoCAD
- Keil u Vision
- Adobe Flash
- Micro wind
- Proteus professional
- Matlab
- DSCH 2
- PLC ladder

Programming

- Matlab Programming, Assembly Language Programming, C++ Programming, GNU companion.

Skills

Budget Estimation	Maintain relationship with client and consultant	Leadership
Knowledge of activities	MS Word, Excel, PowerPoint	Digital Sales and Marketing
Record keeping	Proficient in handling the site independently	Self-Motivated and hard worker
Able to work individual	Excellent Written and Oral Communication Skills	account Management

Interest

- Embedded System, Electronic circuit Design, power system and management.

Languages

English   **Urdu**   **Chinese (TEVTA)**

Professional Membership

PEC (Pakistan Engineering council
Washington accord approved

References

Reference will be furnished on demand.

Personal Information

Name	**Sajid Hussain**
Father name	**Fazal Hussain**
Marital status	**Single**
DOB	**14, July 1994**