

# SamadFarooque

## Skilled Electrical Engineer



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June 24, 1995

### Why *Samad*?

- Innovative and conversant electrical engineer possessing strong technical acumen & evaluating electrical systems, products, components and applications by designing and conducting research programs. Well-versed analyst with command on power system analysis, Multisim, Proteus, MATLAB, Ladder diagram and statement & writing for PLC
- Level-headed professional possessing fine technological flair & academic outlook into modern engineering methods. Qualified individual competent with technical reporting; capable of managing, supervising and providing technical advice on high voltage electrical systems
- Flexible and competent person offering robust analytical & organizational skills with strong scientific & methodical aptitude. Adept at evaluating systems performance level and improving capabilities

### CORE STRENGTHS & ENABLING SKILLS

- Electrical Engineering
- Power Systems Analysis
- Power Distributions
- Programmable Logic Controller (PLC)
- Inspection & Troubleshooting
- Control System Design
- MATLAB & Multisim
- Ladder Diagram & Proteus
- Communication & Presentation Skills

### PROFESSIONAL EXPERIENCE

#### Pakistan Aeronautical Complex, Kamra, Pakistan

Worked as "*Internee*", July 2017

##### Responsibilities/Accomplishments:

- Skillfully worked in designing, developing and deletion department to manufacture fighter jet. Successfully experienced circuit designing, FPGA programming and PCB designing
- Coherently worked on testing and simulating of all programs on each stage. Assisted senior engineers & department head and submitted daily site reports on work done

#### Atlas Hitech HONDA, Karachi, Pakistan

Worked as "*Internee*", January 2017 – February 2017

##### Responsibilities/Accomplishments:

- Actively looked into operation & maintenance of manufacturing department. Provided engineering information by answering questions and requests
- Efficiently landed support in ensuring safety precautions during electrical operations. Rendered services in approving quality standards of technical work

##### Additional Experience:

— Worked as "*Internee*" at MirpurKhas Sugar Mill, MirpurKhas, Pakistan (August 2016)

### PROFESSIONAL CERTIFICATION, CONFERENCES AND MEMBERSHIPS

- Certificate in "*Microsoft Office Specialization*" at Behria University, Karachi, Pakistan (December 2017)
- Certificate in "*Marketing Lead Electria*" at BITS Behria University, Karachi, Pakistan (November 2017)
- Certificate in "*Industrial Automation & Control*" at The Automators, Karachi, Pakistan (January 2017 – February 2017)
- Attended conference on "*DMG Leadership Conference*" at DMG Institute, Karachi, Pakistan (December 2016)
- Member of "*Bahria Innovative and Technological Society*" at Bahria University, Karachi, Pakistan (August 2016 – May 2018)
- Attended workshop on "*Embedded System including Raspberry Pie, Arduino, FPGA & Drone*" at NED University, Karachi Pakistan (August 2017)

### PROFESSIONAL QUALIFICATION

- **Bahria University Karachi, Karachi, Pakistan (2014 – 2018)**  
B.Sc- Electrical Engineering (Electronics) **CGPA – 3.84**

##### Final Year Project:

— Designed "*Smart Metering Through Powerline Communication*"

##### Major Achievements:

— Received "*PMNCIT Scholarship*" at Bahria University Karachi, Pakistan (2014 – 2018)