



HAMZA TARIQ MIR

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OBJECTIVE

To work as an engineer in a progressive organization, that can fully utilize and enhance my skills while providing opportunities for self growth.

EDUCATION

Bachelors of Science in Electronics Engineering, 2007

- Sir Syed University Of Engineering and Technology, Karachi
<http://www.ssuets.edu.pk/>
- Pakistan Engineering Council Registration No: ELECTRO/10022



Higher Secondary School Certificate, 2003

- D.J. Sindh Govt. Science College, Karachi

Secondary School Certificate, 2001

- Nasra Secondary School, Karachi

EXPERIENCE

TPL Trakker Limited

<http://www.tpltrakker.com/>



Assistant Manager (July '10 to Present)

- Work collaboratively with team members, empowering them to achieve company goals.
- Prepare Productivity Reports, Repair logs, assign tasks, manage workflow and report to the manager on routine basis.
- Update and report the manager about different R&D projects.
- Coordinate with vendors for different technical issues and product updates.
- Facilitates Training programs for staff to enhance their technical skills.
- Working with vendors like Ctrack, Gosafe Systems, Calamp, Teltonika, Satamatics, Honeywell and Orbcomm.

Research and Development Engineer (July '08 to July '10)

- Working in the Diagnostics department as a R&D Engineer.
- Firmware and Configuration up gradation, Debugging and Testing of different tracking devices.
- Designing of testing units.
- Remotely Monitor and Control tracking devices from Base before installation.
- Design, develop and modify circuits for the safety and security of different types of vehicles in various scenarios and according to different requirements.
- Keep the company up-to-date with the latest developments in the field of vehicle tracking.
- Design and develop solutions for Fleet Management.
- Part of Trakker Special Projects Team.

ACT Automation (Feb '08 to June '08)

- Worked as an Instrumentation and Automation Engineer on different Industrial projects.
- Automation and instrumentation of Glue Plant B of Super Chemicals.
- Automation and Instrumentation of Fire fighting system in Al Rahim Oil Reservoirs Pvt. Ltd.

INTERNSHIPS

LG New Allied Electronics Industries (Pvt) Ltd. (July to Aug '06)

<http://pk.lge.com/>



- Worked on Axial, Radial and In Circuit tester machines.
- Programmed the XY Scaler Machine.

- One month experience in the rope dyeing department, operation and maintenance including error detection and solving.
- Worked on instruments like PH meter, Flow meter, Pressure meter, RTDs, Control valves and Thermocouples.

FINAL YEAR PROJECT

Site Security System using GSM Module for Mobilink
http://www.youtube.com/watch?v=l15aehD_vqU

- To remotely monitor the status of the fuel tank using GSM modem.
- Monitor variables like Level and temperature remotely.
- GUI at user's end to keep a log of each site.

OTHER PROJECTS

500W Wind Turbine with charge controller

- Permanent magnet alternator with 40A charge controller.
- 14V and 30A at 250RPM in a windspeed of about 18 Km/h.

PROFESSIONAL TRAININGS

Certified in Wireless Communication

- Interface-A Teleco Resource Firm
<http://www.interface.org.pk/>



- GSM (BSS/NSS/RF)
- CDMA
- WiMAX

CCNA Training Program

- Times Tech
<http://www.timestech.edu.pk/>

- CCNA 640-802

- Workshop on 'Learning and Developing' by Engage Consulting
- Workshop on 'Problem Solving' by Engage Consulting
- Workshop on 'Communication Skills' by I&B Consulting

SKILLS

Programming Languages	C++, JAVA, Programming PLCs using Ladder, STL, FBD, Verilog HDL, KEIL and Assembly.
Software Tools	MATLAB, Proteus, PSpice, Auto-CAD, Oracle EAM, DataLoad, ORCAD, LOGOsoft Comfort, BOSON NetSim, Crystal Reports, PCB Designer, Microsoft Office.
Operating Systems	DOS, Windows 98/2000/XP/7.
Designing	HTML/DHTML, Flash, Front page, Dream weaver.
Others	Embedded Systems, Computer Hardware and Software support, Soldering.

EXTRACURRICULAR ACTIVITIES

- Interests: Travelling, Driving, Cricket, Table Tennis, Tennis, Snooker and Bodybuilding.
- Participated in Inter college table tennis tournament.
 - Represented SSUET in the 2nd All Pakistan Universities Games in Lawn Tennis.

PERSONAL

Father's Name: Tariq Mehmood Mir
Date of Birth: 14th November 1985
Religion: Islam
Nationality: Pakistani