Saima Soomro

Career Objective

Interested to join technical Platform in order to blend my theoretical engineering skills to that of the practical one.

Education

- ¾ **B.E** in Medical Engineering from NED University, 2006-2010, Secured First Position.
- ¾ **H.S.C** (Pre Medical) from Govt. Degree College Stadium Road in 2005 with 80%
- ¾ **S.S.C** (Biology Group) from Sindh Model School Karachi in 2003 with 83.4%

Projects

- ¾ An infrared alarm in Bio Instrumentation
- ¾ Parity generator and checker in L.D.S.T
- ¾ Triggering a motor by nerve potential of frog
- ¾ Inference on Bio statistical data of Infant diseases
- ¾ Developed a computational model of Cerebro Spinal Fluid considering the complex geometry of Brain

Final Year Project

LabVIEW Based ECG Monitoring System (LabVIEW 8.6)

Work Experience

- ¾ **Aga Khan University Hospital (2008)**
  Worked as an internee. Observed equipment working in critical care unit , lab unit and imaging unit. Equipment include X-ray machine , MRI ,Coulter Counters , Infusion pump , Syringe pump , Blood gas analyzer.

¾ **Analytical Measuring Systems (2009-3 Weeks)**
Visited equipment working at sites including Parma and Laboratories. Observed the internal components and circuits of equipment's module.

¾ **Analytical Measuring Systems (2010-20 Weeks)**
Worked as a trainee service engineer , observed detailed working of equipment on sites including Laboratories and Pharmas. Learnt the rules of office environment ,presenting and communication skills.

¾ **SIUT(2 days)**
Observed working of PCR , Sample   preparation.

Skills

Technical Skills:

¾ Auto cad
¾ C-language programming
¾ MATLAB
¾ Fluent
¾ Gambit
¾ LabVIEW

Soft Skills:

¾ Leadership: Throughout my University years I had played a major role in coordinating students with faculty members as I was Class Representative.
¾ Acted as Head of the 'Membership and Renewal committee' of ASME (Bio-Medical Engineering Division)

Personal Information

Marital Status: Single
Fathers Name: Ghulam Shabbir