

SHAHLA HAYAT NAQVI

BIOMEDICAL ENGINEER

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Work experience

FREELANCE VENUE STAFF 2014 - PRESENT
British Council Of Pakistan

INTERN 1st July, 2010 - 20th November, 2010
Universal Enterprises

- Introduced and developed best practices in professional environment.
- Maintaining good staff relations through effective communication and discipline.
- Handling and swiftly resolving complaints and errors of medical devices in a professional and effective manner.
- Prepared a detail report about the whole experience.

INTERN 1st June, 2009 - 30th June, 2009
Dr. Ziauddin Hospital Clifton

- Learned about different hospital equipment and departments.
- Inspect equipment to proactively identify and solve problems with service engineers.
- Coordinate repairs with technical staff.
- Prepared a detail report about the whole experience.

INTERN 1st June, 2008 - 10th June, 2008
Fatima Jinnah Dental College & Hospital

- Learned about dental units, dental x-rays, dental sterilization processes and lot more.
- Prepared a brief report about the whole experience.

Education

B.E IN Bio-Engineering 2005 - 2010
NED University Of Engineering and Technology

Final Project/Research: Studying the relationship between selected physical characteristics of human with regular gait.

Intermediate in Pre-Engineering 2003 - 2005
BAMM PECHS College for Women

Matric in Science 2002 - 2003
H.N Public Secondary School

Research Writings

Conduct a research in LEJ campus (NED University of engineering and technology) and made a report about the statistical analysis of students BMI (body mass index).

Skills

C/C++



MATLAB


AUTOCAD (Mechanical)


MS-Office


MS-Excel


Power Point


Electronic Work Bench and
Multisim (use for drawing
circuits)


SOFT SKILLS

Creative thinker, good in interpersonal communication, Enthusiastic self-starter, Goal-driven achiever, Strong analytical skills and good in mathematical analysis.

Personal Information

Domicile: Karachi (Sindh)

NIC No : **42101-3725329-6**

Material status: Single

Father's name: S. Hayat Aziz Naqvi

Wrote a research based report on "10 best companies to work for". This report includes the criteria for selecting best company organization. For analysis made questionnaire and conducted survey.

Wrote a detailed report on Microwave Angioplasty.

Academic Projects

- 5 -volt DC supply.
- Decoders and Encoders.

1. Octal to Binary Encoder.
2. Gray code to Binary Encoder.

- Decimal to BCD Encoder.

1. Binary to Decimal Decoder.
2. Binary to Octal Decoder.
3. Binary to Gray code Decoder.

- Digital Thermometer by using EEPROM.
- Liquid Level Detector by using Transistors.
- Worked on ECG Amplifier.
- RL-Circuit.
- CFD modelling and simulation of human airway from trachea to bronchi with and without tumor.
- Study the effects of different physical characteristics on human regular gait pattern.
This was my academic project for my final year engineering.

Summary

To work with top level companies I may polish my self and to blend the theoretical information with the practical experiences so that I can better understand the domain knowledge I am acquiring presently; and also to plan effectively my career and enhance my professional skills.