



Hamza Ali

House Number 4 Civil Hospital
Colony Sanghar

E-mail: humza.baloch@hotmail.com

Phone: 03353608791

EDUCATION

Secondary School Certificate 2008 — 2010

Overseas Pakistanis Foundation High School, Sanghar
87.1 %

Higher Secondary Certificate 2010 — 2012

Government Boys Degree College, Sanghar
87.3 %

Bachelors in Electrical Engineering 2013 — 2017

Institute of Space Technology, Islamabad
CGPA: 2.69

PROJECTS

- FYP: **Electric Bike**
- Implementation of **Speed Control of DC Motor**.
- Design and fabrication of **Audio Amplifier** circuit.
- Design and fabrication of **GSM Mobile Control Car**
- Worked on a **UPS Inverter** for commercial purposes.
- Implementation of **Isotropic Antenna**.
- Led the design and fabrication of **Specific Path Follower Robot**.
- **Load Management** of maple leaf cement factory residential area

TECHNICAL SKILLS

- **Electrical Circuit Design:** *PSPICE, Proteus*
- **Mechanical Drawing and Simulation:** *3d modelling and motion analysis using Pro-E and AutoCAD*
- **High Simulation Software:** *MATLAB, Microsoft visual studios, MPLAB*
- **Languages:** *C++, C*
- **Microsoft Office:** *Word, Power Point, Excel*

WORK EXPERIENCE

Maple Leaf Cement Oct-2017 — Present
Assistant Manager

Institute of Optronics July 2016 — Aug 2016
Internee

ACHIEVEMENTS AND AWARDS

- Internship at Institute of Optronics.
- Research Paper on Energy Crisis in Pakistan.
- Research on Electric Bicycle.
- Load Management At Maple Leaf Cement Factory Residential Area.

INTERESTS

Hiking and Adventure Trips, Music, Cycling, Sports, Reading Newspaper, Social Media