

# Ali Ishaq

To accept challenging position competitive environment that offers utilization of my skills includes interpersonal skills, technical skills and provides learning opportunities. My goal is to enhance the company's productivity and reputation while increasing my experience level

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## Education

**Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Topi, Swabi, KPK, Pakistan**

**Bachelors of Science in Mechanical Engineering**

**CGPA: 2.45**

Completion Year: June, 2016

**Fauji Foundation College for Boys New Lalazar, Rawalpindi**

**Higher Secondary School Certificate (Pre-Engineering)**

**Marks: 77.5%**

Completion Year: 2012

**Fauji Foundation College for Boys**

**New Lalazar, Rawalpindi**

**Secondary School Certificate (Science)**

**Marks: 84.7%**

Completion Year: 2010

## Work Experience

- **Internee at ZONG (CMPak)** from August 2015 to September 2015
- **Internee at Fauji Fertilizer Company (FFC)** from June 2015 to July 2015
- **Internee at AIESEC Mauritius** from June 2014 to July 2014
- **Internee at Pepsi Haidri Beverages** from June 2013 to August 2013
- **Volunteered** in a project of **Forestation** in Islamabad.
- **Editor** in **Dunya News** and in **College Magazine**.

## Awards & Certifications

- **Event Coordinator of Open House and Careers Fair 2015** in GIK Institute.
- **Director Logistics and Operations** in **GIMUN'14** (GIK Institute Model United Nations), 2014 GIKI
- **Director Media** in **All Pakistan Sports Festival' 14**. GIKI
- **Member of Winning Team** of **Intra GIKI Mimes Competition**, 2014, GIKI
- **Best Design Award** in Semester III for **Hydro-Power Turbine**, GIKI, 2013
- **Winner of Photography Competition**, **GIKI**, 2013.
- **President of Peer Teaching Society**
- Scored **3<sup>rd</sup> position** in college and **5<sup>th</sup> position** from **Pakistan** in **IKMC** (International Kangaroo Mathematics Contest ), 2010

## Projects

- Remote Control Airplane
- Hydro-Power Turbine
- Strain Gauge Pressure Sensor
- Duplex Screw Jack Apparatus
- Automatic Fan Controller using Electronics
- Motorbike Suspension System (Shock-Absorber)
- Waterproof Quadcopter
- GPA Calculator in C++

## SKILLS

### *Technical (Software)*

- C/C++
- MATLAB
- Proteus
- MultiSIM
- Pro-E(Pro-Engineer)
- AutoCAD
- ANSYS
- PSpice
- IBM SPSS

### *Technical (Hardware)*

- Gyro meter, Accelerometer, Magnetometer, Proximity, Photo-Transistors and other sensors
- BLDC Motor Control
- ESC (Electronic Speed Control)

### *Word Editor & Spreadsheet*

- MS Word
- MS Excel

### *Project Management*

- MS Project

### *Presentation & Designing*

- MS PowerPoint
- Picasa
- Adobe Photoshop

### *Other Skills*

- Microsoft Windows XP, 7, 8
- Android

## Co-Curricular Activities

- Represented **Pakistan** internationally in **Annual Business Conference**, in **Mauritius**
- **Member of GIKI Football Team**
- Participated in **All Pakistan Sports Competition'13**, GIKI
- Participated in **All Pakistan Sports Competition'14**, GIKI
- **Member of Team Logistics** of **NEO'12** (National Electronics Olympiad), 2012 GIKI
- Participated in Inter-Collegiate Football Tournament under FBISE (Federal Board of Intermediate and Secondary Education), 2011
- **Organizing member** of **GIMUN'12, 13 and 14** (GIK Institute Model United Nations), GIKI
- **Mentoring and Career Counseling** of over **30** students
- **WWF | Pakistan** from June 2011 to August 2011.

## Memberships & Affiliations

- **International Member** of **AIAA** (The American Institute of Aeronautics and Astronautics).
- **International Member** of **ASHRAE** (The American Society of Heating, Refrigeration and Air-Conditioning Engineers).
- **Member** of **GSS** (GIKI Sports Society), GIKI.
- **Member** of **SOPHEP** (Society for Promotion of Higher Education and Professionalism), GIKI.
- **Member** of **GMS** (GIKI Mathematics Society), GIKI.
- **Member of Team Avrocar** (Airplane Fabrication team for International Design, Build and Fly Competition), GIKI.

## Area of Specialization

Thermodynamics, Fluid Mechanics.

- Power Plants

## Interest Areas

Automotive Engineering.  
Aeronautics, Remote Control Aircraft, Quadcopter.  
Heating, Ventilation and Air-Conditioning (HVAC)  
Heat Transfer

## Hobbies

- Web Surfing
- Watching Movies and Seasons
- Reading about new technologies
- Swimming/Football/Cricket/Squash
- Inspirational & Motivational novel reading
- Social and Technical Events.

## Soft Skills

- Team player
- Motivated & Highly driven
- Good Managerial Skills
- Can do attitude & Pro-active approach
- Strong interpersonal skills
- Leadership qualities
- Relationship building & management
- Sharp & keen learner

## References

- **Prof. Dr. Javed Ahmad Chattha**  
Pro-Rector (Academics) GIKI.  
Email: [chattha@giki.edu.pk](mailto:chattha@giki.edu.pk)
- **Dr. S. M. Ahmad**  
Dean FME, GIKI  
Email: [smahmad@giki.edu.pk](mailto:smahmad@giki.edu.pk)
- **Dr. Mykola Bannikov**  
Professor FME, GIKI  
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- **Dr. Khalid Rehman**  
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