

**Harris Asad**

172-A Hali Road

Westridge 1

Rawalpindi Cantt

Cell: 0315-5085631

E-mail: harrisasadb@gmail.com

Date of Birth: 21<sup>st</sup> February 1995

University Reg#: 04-3-1-021-2014

PEC No. MECH/38566

**OVERVIEW:**

I am a **Mechanical Engineering** graduate (BS) from **Pakistan Institute of Engineering and Applied Sciences (PIEAS)**. I have a relatively good experience in using CAD/FEA tools to solve engineering problems, which has been a constant for me in almost every project I have undertaken. My interest areas include Computational Fluid Dynamics, Refrigeration and Air Conditioning, Manufacturing processes, Power Plants, Internal Combustion Engines and Numerical Methods.

**EDUCATION AND QUALIFICATION:**

Certificate/degree	Institute/ University	Date of completion	GPA/ Percentage	Major Subjects
Bachelor of Science in Mechanical Engineering	PIEAS	2014-2018	3.58 CGPA (89.5%)	- Thermodynamics - Mechanics of materials/machines - Fluid Mechanics - CAD/Machine Design
GCE A levels	Roots School System DHA 1	2012-2014	84.09% IBCC equivalence	- Physics - Chemistry - Math(accelerated) - Computer science - Further Math
GCE O levels	Beaconhouse Educational Complex	2010-2012	85% IBCC equivalence	- Physics - Chemistry - Math + Additional Math - Computer science

## Achievements & Experience

---

- Made a design of **water body for a two stroke diesel engine** along with its FEA (Finite Element Analysis) for my Final Year Project.
- Interned at **Heavy Industries Taxila, APC section (Armored Personnel Carriers)** in summer of 2017 and did FEA of an armor plate's damage characteristics along with its CNC fabrication as internship project.
- Participated in **DBFC 2017** (Design Build and Fly competition) held in **GIKI** for engineering design and analysis, being awarded the best design report by the judges.
- Volunteer work for PIEAS teams participating in **Shell eco Marathon 2017** during summer of 2016.
- Received runners-up in **PION'15** (PIEAS National Olympiad) **Synergy** module by providing effective ways to solve Pakistan's energy crisis
- Editor at **Zeest**, the quarterly newsletter published by **PIEAS Literary Society**
- Excelled with highest grades in all Science/Technical subjects since high school
- Made software project of a **Point of Sale terminal** for a medical store as part of my A-levels **computer science** subject
- Made software project of a **Database Management System** for hospital wards as part of my O-levels **computer science** subject

## HOBBIES & SKILLS:

---

- Good knowledge of computers whether hardware or software related
- Good English speaking, reading, writing and understanding skills (SAT-I score of 2000 in 2014 with scores of 700 Math, 700 Verbal, 600 Critical Reading)
- In touch with the latest technological/social trends
- Ability to write good engineering project reports including feasibility, design, testing, evaluation etc.
- Nice grip on office related software like Microsoft Word, PowerPoint etc. and other engineering/computation software like ANSYS, PTC Creo, MATLAB etc.
- Take an interest on how the global economies work and flourish