

Hamza Ahmed

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**Address**

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Pakistan

Objective	To utilize and further nurture my skills in an innovative way that will benefit both self and the organization to achieve specified goals	
Education	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI) Bachelors of Science in Mechanical Engineering CGPA: 3.12/4.00	Topi, PK 2014 – 2018
	Whales College GCE A Levels Grades: 4 A's	Karachi, PK 2012 – 2014
	Falconhouse Grammar School GCE O Levels Grades: 2A*s, 6A's, 1B	Karachi, PK 2010 – 2012
Work Experience	Assistant Editor(Mathematics)-Oxford University Press Managing the development of books from commissioning to delivery to production, dealing with content, structure, copy-editing, proofreading, liaising with authors and designers, and ensuring that deadlines are met.	Aug 2018- Present
	Engineering Intern(Internship)-Pakistan Refinery Limited (PRL) Analysis of various methods to dampen pulsations in a multistage reciprocating compressor and selection and designing of an orifice plate as the most feasible solution. Learned various Inspection methods including NDT techniques, holiday testing etc	Jul – Aug 2017
	SIUT-Voluntary Work Voluntary work for 1 week and organizing a fund raising Carnival for SIUT	March 2012
Final Year Project	Selective Laser Sintering(SLS) 3D Printer Cheap method of 3D printing using powder as a raw material and sintering technique to print	
Academic Projects	Design & Fabrication of a Turbocharger CAD modelling and fabrication of a turbocharger for a 4 stroke diesel engine Design & Fabrication of a Power Transmission Gear Box Design, analysis and fabrication of a 2 gear power transmission gear box Jet-Pro Fabricated a prototype of a fuel efficient Jet Engine generating maximum thrust at All Pakistan Competition Line Tracking Robot Designed a line tracking robot using basic ICs and electronics Magnetic Tachometer Designed and fabricated a device to measure rpm using magnet and relay switches Passionate Prisoners Conducted a research about the prisoners pursuing education as a part of Semester project of Sociology	
Award & Achievements	<ul style="list-style-type: none"> - Director Technical at AIAA GIKI Chapter - Rewarded with a Gold Medal at Whales College for outstanding academic performance in A2 - Technical and Ground head for Design,Build and fly Contest 11 - Football team captain at Whales College - Awarded scholarship at Whales College during A levels covering full tuition fee - Rewarded with a laptop twice (As and A2 Level) for outstanding academic performance at Whales College - Winners of Intra GIKI ACX Competition which aimed at designing the best water bottle rocket - Winners of All Pak Mathematic Olympiad'16 held at GIKI 	
Skills	<ul style="list-style-type: none"> - Creo, Ansys, Solidworks, MATLAB, Microsoft Project, CNC Machining(Turning & Milling) - Proteus, ModelSim, Electronic Workbench, Adobe Photoshop, Ms Office, Maya - Goal oriented, Future focused, Resilient, Creative - Crisis management, Critical thinking, Leadership, Time management 	