

Usman Ahmad

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Peshawar, KPK

Pakistan

Objective	To become associated with a company where I can utilize my skills and gain further experience while enhancing the company's productivity and reputation.	
Education	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)	Topi, PK
	Bachelors of Science in Mechanical Engineering	2014 – 2018
	CGPA: 2.82/4.00	
	Islamia College Peshawar	Peshawar, PK
	Pre Engineering	2012 – 2014
	Result: 922/1100	
	University Public School Peshawar	Peshawar, PK
	Matric	2010 – 2012
	Result: 911/1050	
Work Experience	Sui Northern Gas Pipelines Limited (SNGPL)	June - July 2017
	Intern	
	Ahmad & Afridi Construction Company	July - Aug 2016
	Intern	
Final Year Project	Design and Development of Linear Actuator as an end effector to a robotic manipulator	
	Linear actuator is a mechanical device that converts energy from different sources to create motion in straight line as contrasted with the rotational motion of a conventional electric motor.	
Academic Projects	Improvement of Solar Cell Efficiency Using Cooling Technique	
	Due to high temperature solar cells experiences short effect (efficiency loss) and long effect (permanent damage) degradation. Therefore Cooling of solar cell is one of the main concerns for enhancing the performance of the PV system.	
	Case Study : Space Shuttle Challenger disaster	
	The disaster was the most fatal accident in the Space Shuttle program, which broke apart and killed the seven-member crew 73 seconds after liftoff in 1986.	
	Creo 3D Design of Remotely Operated Underwater Vehicle	
	A remotely operated vehicle (ROV) is an unoccupied underwater robot that is connected to a ship by a series of cables.	
	Automatic Water Temperature Control System	
	The purpose of the temperature control is to facilitate heating system to a specified temperature, then maintain it at that temperature in a controlled manner.	
Award & Achievements	<ul style="list-style-type: none"> - Media Coordinator, Youth Social Reforming Society - Member, ECLO Educating Child Labour Organization - Best Debater in School 	
Skills	<ul style="list-style-type: none"> - Creo Parametric (3D Design Software) - Solid Works (3D Design Software) - C++ (Programming) - CNC Programming and Operation - MATLAB - Photoshop, Excel Worksheet, Microsoft Word, Microsoft PowerPoint - Excellent communication skills, both written and verbal - Leadership Qualities, Team Work, Learnability, Presentation Skills 	