

# Junaid Faraz

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**Address**

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<b>Objective</b>	A highly motivated and hardworking individual who works hard to achieve his goals and having a passion to use technical skills to solve practical problems.	
<b>Education</b>	<b>Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)</b> Bachelors of Science in Mechanical Engineering <b>CGPA: 3.05/4.00</b>	Topi, PK 2014 – 2018
	<b>Punjab College of Information and Technology</b> F.Sc. <b>Result: 82% Marks</b>	Islamabad, PK 2012 – 2014
	<b>IMCB F-11/1</b> Matriculation <b>Grades: 80% Marks</b>	Islamabad, PK 2010 – 2012
<b>Work Experience</b>	<b>Internship At Heavy Industries Taxila</b> Worked in CAD modeling and design of tank Al-Khalid II	
<b>Final Year Project</b>	<b>Design and Development of Tilt Rotor VTOL Aircraft</b> This project includes mathematical modeling, CAD modeling, analysis and design of Aircraft and tilt mechanism, and documentation.	
<b>Academic Projects</b>	<b>Design of Temperature Measuring Device</b> This Device was designed for realtime measurement of temperature of Internal combustion engine using thermocouple. <b>Design of Catapult System</b> Device was designed using springs and pulleys with an objective to throw a block with specified velocity. <b>Research Project on Working vs Non-working Women</b> Descriptive exploratory research design was used for this study. Constructivist approach and interviews were inducted for data acquiring. <b>Design of simple Gearbox</b> Assembly made on CREO 2.0 and Analysis on ANSYS 15.0. <b>Design and Analysis of Shock Absorber</b> Analysis on ANSYS 15.0. <b>Automatic Light Operated Switch</b> Designed using transistor and integrated circuit (I.C). <b>Analysis of Centrifugal Pump</b> Computational Fluid Dynamics analysis of Centrifugal pump <b>Research Project on HIV/AIDS</b> Application of different Operation Management techniques of the data acquired	
<b>Award &amp; Achievements</b>	<ul style="list-style-type: none"> <li>- Publication Head, GIKI Mathematics Society (GMS)</li> <li>- Achieved half scholarship in Intermediate Punjab College Blue Area Islamabad.</li> </ul>	
<b>Skills</b>	<ul style="list-style-type: none"> <li>- C++ , MATLAB, EES, MSc Adams</li> <li>- Modeling and drawing on PTC CREO parametric 3.0.</li> <li>- Modeling and drawing on ANSYS 15.0.</li> <li>- Command on MS Word, Excel and Power Point.</li> <li>- GWizardE CNC Programming.</li> <li>- Experience in Milling, Lathe, Shaper, drilling machines and welding.</li> </ul>	