# Hamza

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* **Date of Birth:** 16th July 1996

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| Objective | To obtain a complete command and control of generation, transmission, distribution & utilization of electrical power and challenging career as Electrical Engineer in project Management. |
| Education | **2013-2017 University of Management & Technology, Lahore**  **BS Electrical Engineering**(Electrical Power Engineering) (CGPA 3.23)  **2011-2013 Punjab College of Science, Gujranwala**  F.Sc Pre Engineering (1st division)  **2009-2011 Science Locus School, Gujranwala**  Matriculation, Sciences (1st division) |
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| Final Year Project | **Heart Rate Measuring Device Using Index Finger**  As group leader of the team of final year project, done with complete Implementation and design of pulse sensor. The purpose of this project is to measure the BPM of person on regular basis at home. The device which we design is portable and friendlier, even it operates with a single button which can also be used by non-professionals. |
| Term Projects | * Solar Mobile Charger * Clap on switch for wall light * Design and estimation of the house load * Latching and Unlatching of circuit * Speed control of dc motor with PWM on trainer * DLD Gates implementation on trainer |
| Skills | * Good knowledge of electrical machines * Good knowledge of electrical generation, transmission, distribution & utilization * computer literacy   + Proficient MS office package   + ETap   + Matlab Simulation   + Dialux   + Proteus Simulation   + Multisim Simulation |
| Short couses | * MS office package * English language |
| Leisure Activities | **2015-2016 Vice Fund Raising Leader**  IEEE UMT Student Branch  **2016-2017 External Co-ordinator**  IEEE UMT Student Branch |
| Interest | Wireless power transmission, Current affairs, Traveling, internet suffering. |