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| Description: Image result for comsats monogramCOMSATS Institute of Information Technology | **Muhammad Bilal****Address.: House#CB-133 mohalla banni near gulistan colony taxila****Tel no.:** **Cell no.:** 0313-5037067**Email:** awan.bilal091@gmail.com |  |
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| **ACADEMIC QUALIFICATION** |
| **2018** | **BS Electrical Engineering****Specialization: Computer**COMSATS Institute of Information TechnologyWah campus |
| CGPA | 2.27 | Upto 7th Semester |
| **2014** | **HSSC (FBISE)****Subjects:** Physics, Maths, ChemistrySir Syed College Wah Cantt |
| Marks | 672/1100 | Grade | B |
| **2012** | **Matric (FBISE)****Subjects:** Physics, Maths, Chemistry, BiologyF.G.Boys High school Wah Cantt |
| Marks | 694/1050 | Grade | B |
| **TECHNICAL EXPERIENCE/WORK EXPERIENCE** |
| * Internee at PTCL from 24/07/2017 to 01/09/2017
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| **FINAL YEAR PROJECT** |
| Cooling of Microprocessor. |
| **SEMESTER PROJECTS** |
| * Obstacle avoidance robot
* Home automation and security
* Control the speed of DC motor using PID controller
* Food detector using Arduino UNO
* Door alarm system using LDR
* High pass filter using MATLAB
* Implementation of SAP on FPGA SPARTEN 3E
* BCD to excess-3 code converter using logic gates
* Analog to digital converter 8-bit
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| **TECHNICAL SKILLS** |
| * Strong troubleshooting and problem-solving skills
* Calibration and troubleshooting of different type of sensors and their indicators.
* PCB Designing
* Electronic Circuit Analysis/Simulation
* MATLAB
* TRiLOGI
* Proteus
* Arduino
* Xilinx
* Cadence Virtuso
* Project Management
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| **ACHIEVEMENTS/EXTRA CURRICULAR ACTIVITIES** |
| * Technical training at PTCL
* Attending IEEE Seminars and participation
* Participation in International Conference on Frontiers of Information Technology
* Participant of All Pakistan Electrical Symposium 2017
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