|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Description: Image result for comsats monogram  COMSATS 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 | |  | |
|  | |  | |  | |
| **ACADEMIC QUALIFICATION** | | | | | |
| **2018** | **BS Electrical Engineering**  **Specialization: Computer**  COMSATS Institute of Information Technology  Wah campus | | | | |
| CGPA | 2.27 | Upto 7th Semester | | |
| **2014** | **HSSC (FBISE)**  **Subjects:** Physics, Maths, Chemistry  Sir Syed College Wah Cantt | | | | |
| Marks | 672/1100 | Grade | | B |
| **2012** | **Matric (FBISE)**  **Subjects:** Physics, Maths, Chemistry, Biology  F.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 | | | | | |
| **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 | | | | | |
| **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 | | | | | |
| **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 | | | | | |