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# Objective

Aiming a challenging and nation contributing position related to Software and Hardware related fields. Able to work on own initiative, creativity and as part of a team with proven leadership skills involving managing, developing and motivating teams to achieve their objectives.

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| Professional ExperienceAiub Robotic Crew – 2017  |  |  | | --- | --- | | Software & Interface Specialist | 2017 - 2016 |   The University Rover Challenge (URC) is the world's premier robotics competition for college students. Held annually in the desert of southern Utah in the United States, URC challenges student teams to design and build the next generation of Mars rovers that will one-day work alongside astronauts exploring the Red Planet. URC was launched in 2006, with competitions being held every summer since 2007. URC consistently draws an international field of the most talented and promising students around. If you're a college student interested in robotics and Mars exploration, the only question left is... Are you up for the Challenge. Aiub Community of Engineering Students – ACES  |  |  | | --- | --- | | Senior Graphics Designer | 2016 - 2015 |   The mission of the ACES targets four main areas   * working to increase engineering awareness through its programs and events * fostering the professional advancement of all engineering student * improving the quality of life of disadvantaged communities through implementation of environmentally and economically sustainable engineering projects * creating transformative experiences and responsible leaders  Mozilla Community Bangladesh  |  |  | | --- | --- | | Contributor | Till 2016 |   Mozilla community is an open source community works to ensure general users’ privacy and protection in browsing internet. AIUB Social Welfare Club – SHOMOY  |  |  | | --- | --- | | Social Worker | 2015 - 2014 |   SHOMOY club is the one and only Social Welfare Club of American International University-Bangladesh. Education  |  |  | | --- | --- | | American International University - Bangladesh (Aiub) 408/1, Kuratoli Road, Kuril, Khilkhet, Dhaka 1229, Bangladesh Bachelor of Computer Science & Engineering (BSc in CSE)Faculty of Science and Information Technology (FSIT) | 2019 - 2014 | | Saidpur Gov't Technical School & College, Saidpur (SGTC) Saidpur, Nilphamary Higher Secondary School Certificate (HSC)Department: Science | 2013 - 2011 | | Saidpur Gov't Technical School & College, Saidpur (SGTC) Saidpur, Nilphamary Secondary School Certificate (SSC)Department: Science | 2011 - 2006 |  Personal Skills  |  |  | | --- | --- | | Mother Tongue(S) | Bangla | | Other Language(S) | * English * Hindi | | Communication Skills | Intermediate | | Driving License | Not Issued |  AchievementUniversity Rover Challenge – 2017, USAOrganized by – Mars Society, NASA Position – 32th  Link - <http://urc.marssociety.org/home/about-urc/urc2017-scores> Desktop App Showcasing -2017, AIUBOrganized by – AIUB Computer Club in CS Fest 2017 (AIUB) Position – 1st Events AttendedFirefox Quantum SprintOrganized by – AIUB Firefox Community Type – Software quality testing  Link - <https://firefoxsprint.mozilla.community/leaderboard/> Projects AccomplishedARC\_EYE Rover Control & Data Visualization System for the arc-2017 team.  Technology –   * C# WPF * Python * Arduino * Raspberry Pi * Open CV * Socket – Client Programming   Py – Firmata etc. ARC\_EYE\_V2 Rover Data Visualization Software for arc – 2018  Technology –   * C# WPF * WPF Data Visualization tools * Python * MQTT * XD Messaging * Raspberry Pi etc  Tunnel Management System This project can help to manage the tunnels automatically & efficiently. It can detect the problem and also notify the administrator about the issue.  Technology –   * C# WPF * Arduino * Raspberry Pi * My SQL * PHP * Python  Basic Robotics & Arduino Projects Various types of robots or arduino projects are also implanted and tested. IoT Projects I have also implemented some IoT projects also. This can be implemented in real life with a few modifications. Industry Management System In this project I have made a Control Panel which can control the electrical instruments of an industry also measure the any abnormal situations like smoke, fire, short-circuit etc. Reference  * Dr. Tabin Hasan   Head of the Department (Graduate)  Faculty of Science & Information Technology (FSIT)  American International University – Bangladesh (AIUB)   * Dr. Md. Abdur Rahman   Professor, Department of EEE & CoE, Faculty of Engineering  Associate Dean, Faculty of Engineering   * Ebad Zahir   Senior Assistant Professor, Dept. of EEE & CoE  Special Assistant, Dept. of EEE & CoE   * Mashiour Rahman   Associate Professor, Department of Computer Science  Associate Dean, Faculty of Science & Information Technology (FSIT) | Summary  * Software & Interface Specialist   AIUB Robotic Crew - ARC   * Senior Graphics Designer   AIUB Community of Engineering Students - ACES   * Contributor   Mozilla Community Bangladesh   * Social Worker   AIUB Social Welfare Club – SHOMOY Skills  * Robotics * Home Automation * 3D Modeling * Computer Vision * Neural Networking * Deep Learning * IoT * Industrial System Implementation * Graphics Designing * Mechanical Design  Language Skills  * .Net * Java * Python * ASP .Net * SLIM Framework * Angular JS * Python * Microcontrollers * Xamarin * Adobe Creative Cloud * CPP * ROS * Solid Works * WordPress etc.  Management Skills  * Event Organization * Project Team Maintenance |