Sadruddin Hashmani

2A Systems Design Engineering

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Profile

An emotive aspiring engineer with a passion to work with people and tools and a determination to lead using a multidisciplinary approach with proven technical and management abilities.

Summary of Qualifications

- Understanding of object oriented programming with Objective C, C++, Java and Python
- Solid knowledge of web development using Javascript, Twitter Bootstrap, HTML5 and CSS3 including understanding of backend technologies such as PHP and MySQL
- Experience in iOS development using Xcode and Android development using Eclipse
- Extensive experience with automating test plans using Bash scripts with Android debugging tools in a Linux/Unix Shell
- Familiarity with hardware programming and digital circuit design using Arduino and graphical design in SolidWorks
- Proficient in MS Office Suites, including MS Project, MS Visio with advanced skills in creating large-scale complex relational databases using MS Access
- Proficient in SDLC and PDLC methodologies such as Waterfall and Agile development strategies
- Outstanding project management skills refined during co-op placements at Zynga and CGI and the establishment of an environmental project, Your Environmental Voice
- Excellent leadership, mentoring and team building skills developed as Dorm Captain at the Aga Khan Academy, Mombasa
- Strong communication and oratory skills polished by involvement in the Model United Nations' activities
- Exceptional multitasking skills and the ability to prioritize and meet strict deadlines as acknowledged by my supervisors at CGI and Zynga
- Ability to communicate in English, French, Urdu, Hindi, and Swahili (basic) with exceptional adaptability competencies

Professional Experience

Zynga Inc – QA Analyst/Software Engineer in Test   **Aug 2014 – Dec 2014**

- Tested all games part of Zynga's "With Friends" games division on Android and iOS devices and used JIRA for logging/tracking bugs
- Used Bash Shell Scripting and Android debugging tools to automate test plans for Android devices
- Used a photo recognition framework in Bash to allow for automated scripts to provide feedback to tester

CGI Inc – IT Analyst, Asset Management Team   **Dec 2013 – May 2014**

- Processed hardware/software requests received from CGI employees to image and encrypt laptops using MS SharePoint powered websites
- Processed online order requests to replenish stock through CGI's ticket tracking systems *Ensemble* and *Remedy*
- Used MS SharePoint tools to run search queries to mine data instrumental for the forecasting of future needs

Relevant Projects

- Personal Website, Dec 2014 – Created a personal website using HTML/CSS and Javascript (www.hashmani.com)
- Closet Refresh, 24 Hour Startup with Nspire, Nov 2014 – Implemented the frontend components of a web app designed to enable users to post and search for used-clothing apparel. Currently working with team to bring product to market
- Patient Kinect, YHack (Yale Hackathon), Oct 2014 – Created a backend database using PHP and MySQL to store patient information for a web app designed to monitor patient behavior using a Microsoft Kinect
- Learning Web – Hack The North, Sept 2014 – Created an educational website for students to find resources to learn web programming languages (sadu99.github.io/LearningWeb)
- Hardware Project, Aug 2014 – Programmed a hardware circuit using the Audrino IDE and an Arduino to demonstrate a home security model
- East African, Model United Nations, 2012 – Represented the Aga Khan Academy, Mombasa in both national and international sessions in Nairobi, Kenya and in Geneva, Switzerland

Volunteer Experience

Your Environmental Voice (YEV) – Team Leader and Logistics Supervisor   Nov 2011 – Present

YEV, in collaboration with Making a Difference Projects, aims at providing a platform to the masses so that they can voice their issues, and consequently, have them addressed

- Launched organizational website www.yourevoice.net to create awareness about environmental and social issues in Mombasa, Kenya
- Managed multiple healthcare, food and water shortages projects for the populations of Bombolulu and Khilifi in Mombasa
- Sourced resources including funding of approximately $3000 and allocated funds as part of my Logistics Supervisor responsibilities

Aga Khan Academy, Mombasa – Dorm Captain   Jan 2012 – Jan 2013
- Responsible for the academic and social wellbeing of 70 residential students
- Organized the Orientation for new residential students as well as school events including Cultural Night, Talent Night and sporting events

Education

- Sept 2013 – Present: Candidate for Honours Systems Design Engineering, Co-op Program, University of Waterloo, Kitchener, Ontario, Canada
- May 2013 – International Baccalaureate, Aga Khan Academy, Mombasa, Kenya – 36 points
- June 2011 – IGCSE, Aga Khan Academy, Nairobi, Kenya – 3A* and 6As

Awards and Scholarships

- September 2013 – University of Waterloo, Ontario, Canada: President's Scholarship
- January 2013 & June 2012 – Aga Khan Academy, Mombasa, Kenya: Residential Service Project Award for Your Environmental Voice & Dorm Captain Award
- 2011 – 2013 – Aga Khan Academy, Mombasa, Kenya: First and Second Honors Awards in four of the five study terms during the 2 years of the IB Diploma Program