Sadruddin Hashmani

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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

- Extensive experience with automating test plans using Bash scripts with Android debugging tools in a Linux/Unix Shell
- Understanding of object oriented programming with C, C++, Java and Python
- Experience in Android development using Eclipse and Web development using Javascript, Twitter Bootstrap, HTML and CSS
- Familiarity with hardware programming and digital circuit design using Arduino and graphical design in SolidWorks
- Advanced skills in creating large-scale complex relational databases using MS Access
- Proficient in MS Office Suites, including MS Project and MS Visio
- 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 supervisor at CGI
- Ability to communicate in English, French, Urdu, Hindi, and Swahili (basic) with exceptional adaptability competencies

Professional Experience

Zynga Inc.   Aug 2014 — Dec 2014
Software Engineer in Test

- Responsible for testing all games part of Zynga's "With Friends" games division on Android and iOS devices
- Used Bash Shell Scripting and Android debugging tools to automate test plans for Android devices
- Created a photo recognition framework in Bash to allow for automated scripts to provide feedback to tester

CGI Group Inc.   Dec 2013 — May 2014
IT Analyst, Asset Management Team

- 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

Volunteer Experience

Your Environmental Voice (YEV)   Nov 2011 — Present
Team Leader & Logistics Supervisor

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, Kenya (AKAM)   Jan 2012 — Jan 2013
Dorm Captain

- 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

Relevant Projects

- Oct 2014 – Designed an Android app to help users easily create a To Do List
- Hack The North, Sept 2014 – Created an educational website for students to find resources to learn web programming languages (sadu99.github.io/LearningWeb)
- Aug 2014 – Programmed a hardware circuit using an Arduino to demonstrate a home security model
- Facebook Hackathon, January 2014 – Created a web app that used the Facebook API to graph an individual's level of happiness over a time interval
- East African, Model United Nations, 2012 – Represented AKAM in both national and international sessions in Nairobi, Kenya and in Geneva, Switzerland

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
- February 2012 – Diplome d'Etudes en Langue Francaise (DELF) Level A2
- June 2011 – International General Certificate of Secondary Education, 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**
- February 2012 – East African Model United Nations Conference, Nairobi, Kenya: **Best Resolution 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