Ahmed Sleem

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EDUCATION

University of Houston – Main Campus   **Expected Graduation: May 2017**

Bachelor of Science in Computer Science: Software Engineering Focus

Cumulative GPA: 3.820

Awards: Dean's List - Fall 2013, 2014, 2015. Spring 2014, 2015, 2016

TECHNICAL SKILS

- Proficient with Java, C++, Test Driven Development, SQL, PeopleCode, SVN, and HTML/CSS
- Familiar with Swift 3/Xcode, OpenLink, OpenComponents, Scala, Ruby, JavaFX, Android, R/RStudio, PHP and git

WORK EXPERIENCE

Summer Technology Analyst at Citigroup   **June 2016 – August 2016**

Worked and shadowed within OpenLink Commodities Development Team to meet rising needs of ICG Commodities

- Developed an automated testing tool which reduces user effort and time for testing phase of monthly releases. Compares End of Day reports such as Global Market Risk, Credit Risk and Profit & Loss, from new and old environments.
- Developed a tool for testing and development which ensures the accuracy of the XMLs being generated from Citi systems**.** Cross compares XMLs and ignores user defined information using configuration file.

Junior Application Developer at Enterprise Systems   **June 2015 – June 2016**

UH-System wide development and implementation of administrative computing applications & database management software

- Helped digitized process of research grant proposal for University of Houston.
- Automated user security roles and permissions updates using CSV files that contain multiple security roles.
- Implemented new fixes and features to the portal for the University of Houston using PeopleCode and SQL.

PROJECTS

***Speedster*: iOS App**

- Designed and developed iOS application with other developers which compares user's driving speed to the speed limit of the current road. Provides varying alerts and tracks how many times the user speeds over the limit. Utilized Google Maps API for data and git for collaboration

***Political Tracker:* Android App**

- Worked within a group to design and develop a prototype android application which aggregates political news from many different sources based on user preference. Utilized Lean startup methodology and svn for collaboration.

Colors and Shapes Teaching Tool for Pre-K/Kindergarten Students

- Developed and designed an application in Java that helps Pre-K/Kindergarten students learn and associate names to basic shapes and colors. Currently working on porting this application to Android.

Automatic Teller Machine (ATM) Simulator

- Designed and developed an application that simulates an ATM with a fully developed user interface. Allows user to login and transfer money between other users and between the user's savings and checkings accounts.

Spellchecker Using Recursive Linked List

- Designed and developed a program in C++ that can efficiently retrieve and display misspelled words from an input file using quicksort, binary search and recursion.

AFFILIATIONS

- **Computer Science Mentor,** UH Muslim Student Association (UHMSA)   Fall 2016 – Present
- **Quality Control Manager**, UH Muslim Student Association (UHMSA)   Fall 2016 – Present
- **Webmaster**, UH Muslim Student Association (UHMSA)   Fall 2014 – Spring 2016