Essa Saeed

📞 (519) 635-6080   ✉ mesaeed@uwaterloo.ca   EssaSaeed   in essaeed

Technical Skills

Application Development

- Python \ Java \ C \ C++ \ Objective-C \ Swing \ Tkinter

Web Development

- PHP \ MySQL \ HTML \ CSS \ Javascript \ jQuery

Experience

Part-Time Software Developer   **Apptitude Apps (July 2016 - Current)**

- Developed web application for playing video synchronized with text with backend/API written in PHP and responsive front end developed using CSS3, HTML5, and jQuery
- Developed and published an iOS app within four weeks (featured in the top 100 New Release/Books App Store listings in China, Brazil, Malaysia and UAE)
- Crafted regex to parse a 12000 line source text file to be loaded into the app

Projects

Chaos Game Simulation   **Java Desktop Application (January 2015)**

- Created a Java simulation on chaotic order in 60% of the allotted time (Swing GUI JFrame)
- Integrated object oriented programming principles through the use of an inheritence hierarchy
- Formalized the implementation in a design document

Pokemon Tower Defence   **Python Desktop Application (May 2014 - June 2014)**

- Single-handedly designed and developed a tower defence game
- Utilized the tkinter module to create and display the GUI

Awards

First Place Academic Award with Scholarship   **EMAAN courtesy of MAC (May 2015)**

- Awarded at Educational Muslim Achievement Awards Night for highest academic standing

President's Scholarship of Distinction   **University of Waterloo (September 2015)**

- Awarded for entering the University of Waterloo with a cumulative average of at least 95%

Activities

Co-President of the MSA   **Sir John A. Macdonald Secondary School (September 2014 - June 2015)**

- Led a group of 20 students to organize events for the school and held weekly meetings

Education

University of Waterloo   **Candidate for Bachelor of Software Engineering Honours (Class of 2020 - Currently 2A)**