

Essa Saeed

SOFTWARE ENGINEERING STUDENT · UNIVERSITY OF WATERLOO

☎ (519) 635-6080 | ✉ mesaeed@uwaterloo.ca | 🏠 essasaeed.github.io | 📱 EssaSaeed | 🌐 essaeeed

Summary of Skills

Programming Python, C++, Java, Objective-C, C, Assembly

Web Javascript, HTML, CSS, jQuery

Exploring Git, Node.js, LaTeX, Ruby

Experience

SAP

Waterloo, Ontario

MOBILE DEVELOPER

Jan. 2017 - Apr. 2017

- Developed a new iOS Kapsel plugin for certificate provisioning using Objective-C, Node.js and Apache Cordova.
- Fixed multiple bugs for Kapsel plugins and the Fiori Client in Javascript and Objective-C, significantly improving their overall appeal.
- Worked as part of a team to complete bi-weekly research projects and presented findings and recommendations to team members.
- Experienced an Agile work environment with daily scrum stand-ups and bi-weekly sprint reviews.

Apptitude Apps

Waterloo, Ontario

SOFTWARE DEVELOPER

Jul. 2016 - Sep. 2016

- Developed responsive front end for web application that plays video synchronized with text using HTML, CSS, Javascript and jQuery.
- Learned iOS development in Objective-C and published an iOS app with a today widget app extension. Check it out [here](#).

Projects

AnimeUrge

Waterloo, Ontario

WEB APPLICATION

Mar. 2017 - PRESENT

- Developed a single-paged multi-screen web application for users to get anime recommendations without making an account.
- Written in HTML, CSS, and Javascript, the app utilizes the AniList API, OAuth 2.0, and the Chart.js and jQuery Mobile libraries.
- Integrated a browse feature, a watchlist feature and a recommendation algorithm to recommend anime based on the user's watchlist.

Chaos Game Simulation

Waterloo, Ontario

JAVA DESKTOP APPLICATION

Dec. 2014 - Jan. 2015

- Created a Java simulation on chaotic order using the Java Swing graphical user interface JFrame.
- Integrated object oriented programming principles through the use of an inheritance hierarchy.
- Formalized the implementation in a design document along with test cases prior to development.

Tower Defense Game

Waterloo, Ontario

PYTHON DESKTOP APPLICATION

May. 2013 - Jun. 2013

- Designed and developed a Pokemon themed tower defense game in Python.
- Utilized the Python tkinter module to create and display the graphical user interface.
- Integrated interactive turret placement, turret ranges, a currency system, and an enemy pathing system.

Education

University of Waterloo

Waterloo, Ontario

SOFTWARE ENGINEERING CLASS OF 2020

Sep. 2015 - PRESENT

Honors & Awards

2015	First Place Academic Award with Scholarship , EMAAN Courtesy of MAC	Waterloo, Ontario
2015	President's Scholarship of Distinction , University of Waterloo	Waterloo, Ontario
2015	Top 26th Percentile , The Sir Isaac Newton Physics Contest	Waterloo, Ontario
2014	Computer Engineering Technology Medal , Sir John A. Macdonald Secondary School	Waterloo, Ontario