Colin Marsch

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EDUCATION

University of Waterloo
CANDIDATE FOR BACHELOR OF
HONOURS COMPUTER SCIENCE
2016 - Present | Waterloo, ON
Cum. Average To Date: 85.9%

SKILLS

Languages
Java • JavaScript • Swift
C++ • C • Racket
HTML • CSS • SQL

Technologies and Tools
Spring Framework • Unix
REST APIs • Git
Agile • AWS • Node.js
Test Driven Development

COURSEWORK

Undergraduate
- Object Oriented Software Development
- Elementary Algorithm Design and Data Abstraction
- Designing Functional Programs

AWARDS

Competition
Code to Win 2018 - Finalist

MSFT Hacks 2017 - 3rd Place

Equithon 2017 - Category Winner

Academic
Dean's Honour List, Winter 2017 Term, University of Waterloo

President's Scholarship of Distinction, University of Waterloo

EXPERIENCE

Software Engineering | CIBC LIVE LABS
September - December 2017 | Toronto, ON
- Worked on native development of an internal project sharing iOS app using Swift and the Java Spring Framework
- Built backend services for a financial recommendation chat bot using the Java Spring Framework and FB Messenger APIs
- Developed prototype of a credit card points Chrome extension in JavaScript to simplify the earning and spending process
- Utilized Ethereum smart contracts and Web3j to explore blockchain's applications in financial agreements

Microsoft Student Partner | MICROSOFT
September 2017 - Present | Waterloo, ON
- Worked with student partners across Canada to plan and deliver events such as tech workshops and hackathons
- Assisted participants in a Node.js chat bot workshop

PROJECTS

WaterlooTalks
GITHUB://WATERLOOTALKS
- Won the 3rd Place Prize at MSFT Hacks 2017 for this mental health support chat-bot
- Used Node.js and Microsoft Cognitive Services API's to connect users with helplines and counselling services in the Waterloo region

Android Weather App
GITHUB://SIMPLEWEATHERAPP
- Utilized the OpenWeatherMap and Google API's to display current weather and 7-day forecasts
- Employed a SQLite database to store the users saved cities

Reddit Image Uploader
GITHUB://REDDIT-IMAGE-UPLOADER | CHROME WEB STORE
- Built a Chrome extension to upload images/videos to Reddit
- Shortened the upload process to only 2 clicks
- Implemented the Imgur and Google Chrome extension API's

Macify
GITHUB://MACIFY
- Developed a Mac menu bar app to easily view and change currently playing Spotify songs
- Utilized the Spotify API with Swift to control the users music