

RHETT DEVLIN

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Education

University of Victoria – Bachelor of Software Engineering (BSEng)

- 5th year Software Engineering Student
- Minor in Business
- Expected Graduation 2021

September 2015 - Present

Work Experience

Systems Test Intern

September 2019 – December 2019

XSENSOR Technology Corporation - Calgary, AB

- Managed Bluetooth testing project for embedded pressure imaging device
- Created test cases to determine optimal Bluetooth configuration for a pressure imaging device
- Created report and presented on results of Bluetooth configuration findings to project stakeholders
- Started development of an Android Application using Kotlin for a mobile Bluetooth connection to pressure imaging device

Quality Assurance Consultant

March 2019 – June 2019

4iiii Innovations Inc. – Remote Position

- Created test cases to determine optimal backend functionality using Postman
- Systematically evaluate iOS applications to determine if specified requirements are met
- Managed quality assurance on various projects and ensured all timelines were met with Jira task boards

Design Engineer Student

September 2017 – August 2018

4iiii Innovations Inc. - Cochrane, AB

- Developed multiple website frontends using HTML, CSS, Bootstrap, and Django
- Developed web page for General Data Protection Regulation (GDPR) compliance using HTML, CSS, Bootstrap, and Django
- Created Requirements Specification document for new platform that included Embedded, Cloud and Mobile development
- Created and managed iOS Bluetooth GPS tracking application project
- Programmed using Swift and XCode to create Sports Application on iOS
 - Application connects to embedded device and received information through Bluetooth
 - Created Social Sign-On Page for users to log in with Facebook or Google using Firebase
 - Focused on creating Swift Bluetooth library
- Acted as sole Quality Assurance tester for iOS/Android applications
- Tested backend REST API using Postman tool
- Trained other interns on various testing procedures

Direct to Consumer Sales

April 2016 – September 2016

Telus - Calgary/Strathmore/Chestermere, AB

- Top 10% of all direct sales on team during the summer
- Established and developed a rapport with potential new customers
- Reviewed product presentation and key product features

Outside Guest Services

April 2014 – September 2015

Gleneagles Golf Course - Cochrane, AB

- Greeted and serviced customers' needs upon arrival

- Maintained golf carts and driving range

Skills

- Proficient in Python, HTML, Java, and JavaScript
- Some experience in Swift, C, C++, Node.js, SQL, CSS, and Django/Flask
- Experience in Heroku for deployment, Git version control, NPM/Yarn, and Jira project management
- Experience with unit testing in Python and Java
- Linux OS experience and Agile development experience
- Managed android application for Capstone Engineering design project

Projects

Song Guesser

- Song Guesser is a game I created using Spotify's REST API. Using the API, the user is played a preview of their top Spotify tracks and is able to guess the song's name.
- Technologies used: Node.js, HTML, CSS, Bootstrap, JavaScript, and Heroku

Killshot Generator

- Killshot Generator is a sentence Generator for Dungeons and Dragons 5th edition to be used when an enemy is defeated. The sentence is created based on the enemy and weapon chosen. Users can favorite sentences which are locally saved to the browser.
- Technologies Used: HTML, CSS, JavaScript, Bootstrap, and jQuery

Ghostfinder

- Ghostfinder reaction-time based game where you must catch the ghost as he teleports around. You click on the ghost as many times as you can in the time limit and the high score is saved to your browser.
- Technologies Used: HTML, CSS, and JavaScript

Chatcity

- Chat client and server using Python's Socket Library. Chat client had GUI with functionality including joining a chat room and sending messages to others in the same room.
- Technologies Used: Python, Socket Library, and PyGUI library

Other

- Designed bacteria for Cochrane High International Genetically Engineered Machine (iGEM) team which competed at July 2014 MIT iGEM global competition
- Utilized python libraries to create a Snowflake generator and transformer resourcefully visualizing recursion
- Started development of React Native Application to track productivity

Volunteer Experience

Salvation Army – Cochrane, AB

December 2014 – January 2015

- Collected donations at a local grocery store

Cochrane High School Sustainable Development Club

October 2013 – January 2015

- Student Representative – organized and acted in a leadership position on many team projects from the Wind Turbine Expansion project to the creation of an Outdoor Garden Study Area

Hobbies/Awards

- 2nd Place Prize at Calgary Region Hackathon
- Co-founder of Worldbuilding Club at University of Victoria
- Sports – Disc Golf, Hockey, Volleyball, and Basketball
- Cycling and Hiking
- Skiing – snow and water
- Web application development