

Sean Chow

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Skills & Technologies

Languages: Python3, Javascript, Java, HTML, CSS, C, R, SQL

Technical Skills: Git, Jira, REST API Design, Agile Development

Frameworks/Tools: Django, Flask, EmberJS, React/Redux, MongoDB, MYSQL

Work Experience

Zenreach – Software Developer

(May 2018 – Present)

- Created and developed back end services to fulfill product initiatives in Django
- Developed a brand new customer experience using the React/Redux frameworks

FreshBooks – Software Developer

(September 2017 – December 2017)

- Enhanced customer engagement in the application with the integration of Apple Push Notification services written in Python
- Utilized user data to create decisions on new front-end features and implemented them in them in the EmberJS framework

Tulip Retail – Software Developer

(May 2017 – August 2017)

- Optimized and transformed customer data feeds in PHP to be used by the Tulip app
- Development of RESTful API endpoints in PHP using the Code Igniter framework

VSETA – Software Developer

(April 2016 – September 2016)

- Programmed in Javascript and used development platforms such as Cordova and XCode to develop the mobile application
- Used IOT technologies (iBeacons) to create a unique shopping experience for the end user

Projects

Just A Bit

- Won first place for the best use of the Coinbase API during Hack The North at the University of Waterloo
- Android application designed as a point of sale system for street buskers
- Utilizes IOT beacon technology and Coinbase's bitcoin transaction API

Veil

- Won first place for the best use of the RightMesh API during Guelph Hacks 2018 at the University of Guelph
- Developed and pitched an android app which leverages a mesh network to transfer health record information in rural areas to improve first responder success

Cryptocurrency Trading Bot

- Wrote a bot in Python to perform buy and sell orders among various tickers using a maintained REST API connection
- Designed algorithms to predict price surge or dips based off sentiment and social media

Education

Bachelor of Computing in Software Engineering (COOP)

Guelph, Canada

University of Guelph

Expected Graduation: Winter 2020

- **Relevant Coursework:** Software Design, Data Structures & Algorithms, User Interface Design, Object Oriented Programming, Calculus, Advanced Linear Algebra