# **Sean Chow**

schow04@uoguelph.ca

github.com/scseanchow

in linkedin.com/in/sean-chow

**(**647) 708-0825

Chowsean.com

# **EDUCATION**

# **University of Guelph**

Software Engineering Co-op Expected Grad. May 2020

# SKILLS

# Languages:

Javascript, Python, HTML5/CSS3, SQL, Java, C

## Frameworks:

React/Redux, Django, Flask, NodeJS, EmberJS, Apache Cordova

#### **Dev Tools:**

Webpack, Babel, Jest, Selenium, MongoDB, MySQL, Jira, Git, Linux

## Design:

Sketch, Photoshop, InVision

# **AWARDS**

## Hack The North 2016

Winner of best use of Coinbase API at The University of Waterloo

#### **Guelph Hacks 2018**

Winner of best use of RightMesh API at The University of Guelph

# WORK EXPERIENCE

#### Zenreach

Software Developer

May 2018 – Present Waterloo, ON

- Worked on new product features from the design inception to code deployment, leveraging the React/Redux framework using Javascript/HTML/SASS
- Took control over implementing new endpoints and creation of models in the Django framework written in Python
- Wrote modular, re-usable React styled components and higher order components to be used by other engineers

#### **FreshBooks**

Sep - Dec 2017

Software Developer

- Toronto, ON
- Wrote celery tasks to handle the batch sending of 10,000+ daily Apple push notifications written in Python in conjunction with the Flask framework
- Followed up on implementations using A/B testing and created dashboards in Periscope to monitor feature success
- Engineered front end features using the EmberJS framework using Javascript/HTML/SASS, maintained with automatic tests written in Cucumber leveraging the Selenium framework

Tulip

May - Aug 2017

Full-Stack Developer

Waterloo, ON

- Took customers data feeds and product catalogs and transformed them into usable data objects in PHP and storing them in a database with MYSQL
- Created REST API endpoints to help fulfill product initiatives and provide cross team functionality to access information

#### **VSETA**

May - Aug 2017

Software Engineer

Toronto, ON

- Constructed the mobile app in Javascript/HTML/CSS and used development platforms Apache Cordova
- Used IOT technologies (iBeacons) to create a unique shopping experience for the customer

# **PROJECTS**

#### Just a Rit

 Used the Coinbase API to create an Android application in Java to act as a secure point of sale for street performers

### Veil

- Veil was an Android application used to solve the issue of health record information transfer in rural communities
- Built an offline information transfer system to encrypt and transfer health records peer to peer Using the Right Mesh API through a mesh network

## **Inbox Marketer**

- Under the supervision of Dr. Daniel Gillis worked closely with a local e-mail marketing company to investigate their data set and generate actionable insights
- Using Tensorflow and iPython, trained models (Linear Regression & Recursive Neural Network) to predict the optimal time to send an e-mail