Sean Chow

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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   May 2018 – Present
Software Developer   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 Bit
- 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