

Sean Chow

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SKILLS

Languages:

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

Frameworks:

Docker, Kubernetes, React/Redux,
Django, Flask, NodeJS, EmberJS

Dev Tools:

Docker, Kubernetes, GKE, ECS, EKS,
CircleCI, Gemfury, Webpack, Babel,
Jest, Selenium, MongoDB, MySQL,
Jira

Product Tools:

Looker, Salesforce, Zendesk

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

EDUCATION

University of Guelph

Software Engineering Co-op
Expected Grad. May 2020

TEACHING

Teaching Assistant

Software Design - CIS*1250
Conducting labs teaching the basics of
software development and marking.

WORK EXPERIENCE

Datadog

Product Manager

May 2019 -
New York, NY

- Led strategic planning for the container integration team, focusing on the features surrounding the instrumentation of the Datadog agent on platforms such as Kubernetes, GKE and EKS, growing adoption of the integrations by 21%
- Oversaw the development of multiple features, coordinating engineering efforts and ultimately releasing with a robust go to market strategy
- Gathered customer insight through routine interviews to identify and create product OKRs

Wave

Software Developer

Jan 2019 - May 2019
Toronto, ON

- Part of the developer systems team, creating tools and solving problems to increase developer efficiency and reliability
- Created a Python package to cache Django web pages on redis, linked with a logging interface for Datadog
- Developed a command line tool in Typescript to monitor local developer systems and reduced local Docker development build time by 120%

Zenreach

Software Developer

May – Aug 2018
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

Software Developer

Sep – Dec 2017
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

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