

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, Figma

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 Intern

May 2019 - Aug 2019

New York, NY

- Led strategic planning for the containers integration team, focusing on the instrumentation and visibility of the Datadog agent on platforms such as Kubernetes, GKE and EKS, growing adoption of the integrations by 21%
- Wrote a product specification and coordinated engineering and design work to improve the live containers page, releasing with a go to market strategy including blog posts, dashboards, a PRFAQ and marketing material
- Conducted over 30 customer interviews, gathering insight and driving the product vision through the creation of quarterly OKRs

Wave

Software Engineer Intern

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 Intern

May 2018 - 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 Intern

Sep 2017 - 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