

JENNIFER CHEN

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SKILLS

Languages: Python, Ruby, Javascript/Typescript, C++, SQL
Frameworks: React, Flask, Django, NodeJS, Express, Tornado, Angular
Tools/Databases: Docker, Apache Airflow, AWS, Git, MySQL, PostgreSQL, MongoDB

EXPERIENCE

- Datadog** New York City, NY
Software Engineering Intern May 2022 - Present
- Working on Datadog's open-source **Ruby** tracing client for application performance monitoring
- Embark Trucks** San Francisco, CA
Software Engineering Intern Sept. - Dec. 2021
- Architected and implemented full-stack project to enable better fleet management and truck monitoring using **Kubernetes, Airflow, MySQL, Tornado, Typescript**, improving on-call support response time by **30%**
- Scotiabank** Toronto, Ontario
Full-Stack Engineering Intern Jan. - April 2021
- Developed loan pre-approval app w/ **React, NodeJS, Express, MongoDB**, increased revenue by **\$150,000**
- The Globe and Mail** Toronto, Ontario
Data Engineering Intern May - Dec. 2020
- Led team of 2 and coordinated with QA and deployment teams for NLP (natural language processing) refactor project to scale up news article promotion decisions and optimize **new customer acquisition**
 - Built **Python** and **PostgreSQL Apache Airflow** jobs to automate previously manual pipeline
- Ratio.City** Toronto, Ontario
Software Engineering Intern Sept. - Dec. 2019
- Prototyped **Django, PostgreSQL, Angular** web app to prove company scalability to any city worldwide
 - Decreased onboarding time from **8 hours to 15 minutes** by standardizing local development environment for full application stack using **Docker**
- Clearbridge Mobile** Toronto, Ontario
QA Analyst Intern Jan. - April 2019

PROJECTS

- Add My Language** Python Flask, React, GraphQL, MySQL UW Blueprint 2021
Built online portal for non-profit Planet Read to promote literacy around the world
- Insightful Meetings** Google Cloud, Microsoft Azure, Python Flask, React Hack the 6ix 2020
Developed web app to parse meeting recordings and create transcript, summary and sentiment analysis
- SQueue** React Native, Python Flask ScotiaHacks 2020
Created iOS/Android app to implement in-branch queueing; awarded for **Best Prototype** of 11 participating teams

EXTRACURRICULARS

- UW Blueprint** Technical Project Lead May 2021 - Present
Leading team of 6 to build a platform for the Children's Aid Society's child protection program using React/Flask
- Waterloop** Technical Project Manager / Advisor Sept. 2018 - Present
Leading over 80 members across 20 projects in developing a scalable Hyperloop pod by 2025
- Google Developer Student Club (DSC)** Waterloo Lead Sept. 2020 - Aug. 2021
Built up the Waterloo DSC Chapter, engaging students in over 10 events

EDUCATION

- University of Waterloo** Waterloo, Ontario
Bachelor of Applied Science Systems Design Engineering *GPA: 3.9* 2018 - 2023
Term Dean's Honor List 2018-2021; exchange at **National University of Singapore** 2022
Relevant Coursework: Data Structures and Algorithms, Digital Computation, Human Factors in Design

INTERESTS

Travelling, Running, Taekwondo, Longboarding