

Skills Summary

- *Languages:* JavaScript, Java, Python, HTML/CSS
- *Databases:* MongoDB, PostgreSQL, MySQL
- *Tech Stacks & Tools:* MERN, SpringBoot, TensorFlow, PyTorch, Git, Bash

Experience

Prosperea

Software Engineering Intern

Toronto, ON
May 2020 - Present

- Designed and built data visualizations tools with React and Mapbox GL for 30 beta users
- Reduced search algorithm complexity from 6s to 1s for large GeoJSON files
- Developed data preprocessing & labeling tools for certain GeoJSON attributes in JavaScript

Collective Brains

Product Management Intern

Seattle, WA
January 2020 - April 2020

- Strategized roadmap for delivery to Motorola North America Marketing as the first client
- Recreated the signup process which reduced the client onboarding process by 2 weeks
- Worked with the product & marketing team to deliver email campaigns and conduct interviews

WorkPlace21

Software Developer Intern

Seattle, WA
September 2019 - December 2019

- Improved web app scalability using MERN and reduced expenses by 40%
- Increased the number of early-stage registrations by 100%
- Used Ruby on Rails and PostgreSQL to identify and fix CRUD-related bugs
- Improved UI/UX experience using Bootstrap 4, UIKit, and custom CSS

Projects

Synbiotic - AI Drug Discovery Platform | [Learn More](#)

Azure, Tensorflow, MERN

- Placed top 5 of 28,000 contestants in Microsoft Imagine Cup Challenge (N.A. Finalist)
- Utilized Azure ML, Azure API Management to host our DeepChem model cluster

Class AI - Data Labeling for Self-Driving Cars | [Procter & Gamble Talk](#)

PyTorch, Python

- Implemented semi-supervised model, SRGANs, to increase labeling accuracy and edge-cased labeling for self-driving car models.

IdeaSpace - The Medium for Secondary Students | [Learn More](#)

React, Java, SpringBoot, MongoDB

- Wrote search algorithms in React to manage data flow with SpringBoot & MongoDB backend

Rootcase - Sustainable Phone Case Startup | [Learn More](#)

eJS, NodeJS, Stripe API

- Built an e-commerce platform to increase revenue by 17% and viewed in multiple counties (United States, Europe, Canada, Asia)

Education

University of Waterloo

Bachelor of Science: Honours Computer Science (CO-OP)

Waterloo, ON
2020 - 2025