

Skills

- **Languages:** Python, C++, JavaScript, HTML, CSS, Golang, TypeScript
- **Libraries/Frameworks:** TensorFlow, Scikit-Learn, React Native, Node.js, Socket.IO, Express.js, Django
- **Others:** MongoDB, Git, Bash, Postman, Heroku, Insomnia, Auth0, AWS

Work Experience

Full Stack Software Developer | Toxon Technologies Inc May 2021 – Present

- Pioneered both **front-end** and **back-end** of a profile based feature, allowing users to manage calibration thresholds for each bow they possess using **JavaScript**, **Golang** and **React Native** resulting in an increase of **15%** registered users.
- Architected an admin dashboard for the support team to represent all users' information in an organized manner using **React**, **Auth0** and **JavaScript** resulting in a **10%** increase of total tickets debugged per month.
- Responsible for updating, reviewing, merging and deploying multiple releases of the company's app for both **iOS** and **Android** platforms using **GitHub** and **Circle Ci**.
- Implemented additional **endpoints** to the company's open API platform and REST APIS using **JavaScript**, **React Native**, **Golang** and **AWS**.

Software Engineer | DragonAgile Dec 2019 – Apr 2020

- Developed Jira apps and scripts requested by clients using existing **JIRA Java** and **REST APIs**, improving client's work efficiency by **10%**.
- Programmed **Bash** scripts to run local Jira servers by executing installers and connecting to TCP ports in a Linux environment.
- Analyzed and completed **75+** Jira tickets by consulting with clients solutions that quickly and effectively solved their technical issues.

Personal Projects

alGORithm Feb 2021

- Created a web application using **React** to visually compare the efficiency of recursive and non-recursive sorting algorithms using **JavaScript**, algorithms include, **merge**, **insertion**, **bubble** and **selection sort**.
- Managed and update component states with the user in real time by utilizing **React Hooks**.

Flicker Dec 2020

- Designed and deployed a web application using **MongoDB**, **Express.js**, **React**, **Node.js**, and **Socket.IO** that makes the process of selecting a show or movie on Netflix with a group of friends more efficient through Tinder-format selection sessions.
- Architected a bi-directional interactive connection between clients and the server by managing **WebSockets** with **Socket.IO**.
- Used an online **REST API** to retrieve data from the Netflix platform based on user's selection and utilized **WebSockets** to minimize the amount of API calls made, resulting an increase of efficiency.

Education

University of Waterloo Sept 2019 – Apr 2024

- Candidate for the BAsC in Computer Engineering.