

Skills

Programming Skills Vue, Angular, Typescript, C/C++, MongoDB, SQL, Splunk

Work Experience

WestJet

Software Developer

Calgary AB, Canada

June 2022 - present

- Maintained account and rewards widgets on WestJet.com using Vue and Typescript
- Streamlined team on-call process by implementing Splunk logs, creating interactive dashboards, and generating synthetic API monitoring alerts for various projects.
- Collaborated with multiple teams to deliver an account verification process for guests to connect to onboard Wi-Fi.
- Upgraded existing frameworks, such as Vue and Node, to increase code maintainability and efficiency.
- Refined and implemented Adobe Launch Analytics for new account and rewards projects.

Jori International/Open Border Technologies

Student Software Developer

Calgary AB, Canada

Jul. 2020 - Sept 2021

- Developed a web-based freight forwarding solution using Angular, C#, and MongoDB.
- Digitized a complex paperwork process by designing and building a UI for customers to submit freight forwarding documents and register with Open Border Shipping.
- Integrated shipment quoting and tracking APIs of freight carriers to provide customers with real-time quotes and tracking details.
- Created a Shopify app for businesses to manage logistical data provided by CargoWise APIs to get accurate shipping quotes for orders coming from Jori's warehouse.

Projects

WestJet Flight Recommendation System | [private repo](#)

Vue 3, Storybook for Vue, and Hapi.js

- Software engineering capstone project sponsored by WestJet and partnered with the University of Calgary
- A flight recommendation system and set of widgets using WestJet commercial API's, intended for future release.
- Led frontend development of widgets for customers to visualize their flight history and recommendations.

UniversiTea | <https://github.com/oscarwong67/UniversiTea>

Vue 2, Node.js, Hapi.js, and MySQL.

- A social media platform for university students to post messages and media, anonymously or not, to dedicated school forums.
- Implements MVC and Microservices, as well as Event Sourcing and CQRS architectures to manage data.
- Led frontend development to render components in the sign up process, posts, and administrator view.

Extracurricular

Schulich Ignite

Mentor

Calgary AB, Canada

Sept 2019 – Apr 2020

- Assisted prospective students in learning how to use Processing, a language designed for learning how to code, as an introduction to programming. Using Java for the first few months, then switched to Python.
- Helped students individually create simple games in processing as an end of program project.

Robogals

Volunteer

Calgary AB, Canada

Jan 2018 – Apr 2018

- Facilitated classroom workshops to encourage students ages 8-12 to engage in STEM activities.
- Empower young girls to pursue careers in STEM

Education

University of Calgary

B.Sc. in Software Engineering | 3.54/4.0 GPA

Calgary AB, Canada

May 2022

- Relevant Courses: Object-Oriented Design, Databases, Software Architecture, Web-Based Systems, Human-Computer Interaction