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## EDUCATION

### University of Victoria

*Bachelor of Engineering*  
Software Engineering

#### Relevant Courses

- Software Development Methods
- Algorithms/Data Structures, I & II
- Advanced Data Analytics
- Data Mining
- Security Engineering
- Software Architecture & Design

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## TECHNICAL SKILLS

### Programming Languages

- JavaScript/HTML/CSS
- Python
- C/C++/Java
- Typescript/JSX/Pug

### Development and Machine Learning Tools

- Node.js
- React/Angular
- Selenium
- Docker
- Django
- Keras
- Tensorflow
- Scikit-Learn
- Pandas/NumPy/Matplotlib
- PyTorch

### Database Engines

- MySQL/Postgres
- MongoDB

### Development Skills

- Search and Sort Algorithms
- Object-Oriented Design
- Advanced Data Structures
- Machine Learning
- Neural Language Processing
- Transfer Learning
- Deep learning
- Regression/Classification

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## WORK EXPERIENCE

### Full Stack Developer - Ergonomyx Technologies Canada Inc.

*May 2021 – Current*

Developed and maintained Flask/Node.js as well as Django/React web apps. Implemented google tag manager as well as AWS deployment and CI/CD. Lead weekly development team meetings and technically communicated with multiple third-party companies' technology teams to implement new features.

### Project Controls Coordinator - Ledcor

*May 2022 - August 2022*

Demonstrated organizational and leadership skills working with sub-contractors and project managers.

## **Intern - Sherpa Asset Management**

*April 2020 – September 2020*

Aided derivatives portfolio manager by integrating active security pricing to portfolio spreadsheet as well as general spreadsheet management. I was also involved with portfolio reconciliation, risk assessment, options strategies, financial statement analysis, confirming trades and general IT.

## **Sales Associate - Ledcor/Telus**

*June 2018 - August 2018*

Conveyed product information and maintained high customer service standards to over 60 people daily using my technical communication and time management skills to become an effective member of the Telus PureFibre sales team.

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## **TECHNICAL PROJECTS**

### **RentSimple: Design and Implementation**

Created full-stack app to aid with my housing search. Project included node.js and postgresql backend, React.js frontend, python scrapers using selenium, Google analytics as well as Heroku hosting and deployment. Visit <https://rentsimple.herokuapp.com>

### **Harbour Candle Club: Organization**

Created an online subscription based scented candle business. Utilized web development knowledge to design and develop a custom Shopify theme to fit our online marketing strategy. Demonstrated organization and communication skills to manage suppliers and keep track of company finances.

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## **VOLUNTEER EXPERIENCE**

- 2015-17 Student Liaison, West Vancouver - Gleneagles Community Advisory Committee - Selected to be the student representative on the committee, met monthly to discuss and resolve issues within the community.

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## **CERTIFICATIONS**

- Canadian Securities Course
- Canadian Ski Instructors Alliance
- Avalanche Operations Level 1

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## **INTERESTS**

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|-------------------------|------------------------|
| • Machine Learning/Data | • Motor Sports         |
| • Augmented reality     | • Aquaculture          |
| • Capital Markets       | • E-Commerce           |
| • Derivatives Trading   | • Mountain Biking/Golf |