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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 Environments and Tools

- Node.js
- React/Angular
- Selenium
- Docker
- Django
- Keras
- Tensorflow
- Scikit-Learn
- Pandas/NumPy/Matplotlib
- **AWS EC2/RDS/ELB**

### Database Engines

- MySQL/PostgreSQL
- 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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## TECHNICAL PROJECTS

### RentSimple: Design and Implementation

Created full-stack web app to aid with my housing search. Project is built with a containerized Django-PostgreSQL backend hosted on an AWS EC2 instance, React.js frontend and python selenium web scrapers.

**Visit [rent-simple.com](http://rent-simple.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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## WORK EXPERIENCE

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

*May 2021 – December 2022*

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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## CERTIFICATIONS

- Canadian Securities Course (CSI 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 |

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## REFERENCES

Available upon request.