

Ben Guarasci
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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

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

TECHNICAL PROJECTS

RentSimple: Design and Implementation

May 2022 – Current

Full-stack web app to help users find rental housing in low vacancy markets.

Responsible for all design, development, and maintenance work.

Backend: Containerized Django-PostgreSQL backend hosted on an AWS EC2 instance, python selenium web scrapers

Frontend: React.js hosted on Vercel

Visit rent-simple.com

Harbour Candle Club: Task and Time Management

May 2020 – December 2021

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.

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. Led weekly development team meetings (Agile/SCRUM) and technically communicated with multiple third-party companies' technology teams to implement new features.

Project Controls Coordinator – Ledcor Industries Inc.

May 2022 - August 2022

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

Intern - Sherpa Asset Management Inc.

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 Industries Inc. (Telus PureFibre)

June 2018 - August 2018

As a Telus PureFibre sales team member, I efficiently conveyed product information and provided exceptional customer service to over 60 people daily, helping generate sales and revenue through my technical communication and time management skills.

CERTIFICATIONS

- Canadian Securities Course (CSI Level 1)

INTERESTS

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

REFERENCES

Available upon request.