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
- Software Testing
- UI Design
- Requirements Engineering
- Software Architecture & Design

TECHNICAL SKILLS

Programming Languages

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

Frameworks and Development Environments

- Node.js
- **React**/React-Native
- Gatsby
- **Docker**
- **Django**
- Bootstrap
- Unix/Vim
- **Git VC**
- Selenium
- Azure

Databases

- PostgreSQL
- MongoDB
- MySQL

Development Experience

- Search and Sort Algorithms
- Object-Oriented Design
- Advanced Data Structures
- Machine Learning
- Agile Methodology
- SCRUM/Kanban
- Automated Testing Scripts
- Unit Tests (JUnit)

WORK EXPERIENCE

Full Stack Developer - Ergonomyx Technologies Canada Inc.
May 2021 – Current
Developed and maintained the flask frontend and node.js api. Implemented google tag manager as well as lead weekly development team meetings. Technically communicated with multiple third-party companies' technology teams to implement new features.

Junior Portfolio Manager - Sherpa Asset Management
April 2020 – December 2020
Aided senior 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.

Project Controls Coordinator - Ledcor
May 2022 - August 2022
Demonstrated organizational and leadership skills working with subcontractors and project managers to ensure that all relevant documentation remained consistent across all project associated parties.

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.

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.

CERTIFICATIONS

- Canadian Securities Course (CSI Level 1)

INTERESTS

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

REFERENCES

Available upon request.