

Dragon Prevost

dragon@dkp.io
dkp.io
(604) 902-0904

1531 Elford St.
Victoria BC Canada
V8N 3X9

Summary

Third year Computer Science student looking for a co-op that will enable my ambition to learn new skills and development a professional work flow.

- Excels in Object-Oriented Programming.
- Web Development
- Embedded Programming

Education

Computer Science w/ Software Engineering Option – Bachelor's Degree

University of Victoria, Graduation August 2020

Network & Communication • Data Structures & Algorithms • Operating Systems • Databases

Business Administration - Diploma

University of Victoria, Sept 2014 – April 2015

Interpersonal Communications • Organizational Behavior • Strategic Management

Skills, Competencies and Software Proficiency

Competencies

- Version Control Projects
- SCRUM Project Management
- Documenting Software

Databases

- Relational Database Development
- MySQL – PostgreSQL - MongoDB
- Object-Oriented DBMS

Web Development

- Node, React, JS, HTML, CSS
- PHP & Python Backend
- BootStrap, Redux, React-Router

Software Proficiency

- Unix Based Operating Systems
- PyTorch Machine Learning
- Photoshop & Illustrator

Object-Oriented Programming

- Reusable Design Patterns
- Skilled in Java, JS, Python
- Application Framework Design

Embedded

- Industrial Input Output
- Linux Programming
- Driver and Hardware Interfacing

Work Experience

Embedded Developer, Barnacle Systems - Victoria BC

October 2018 – December 2018

Developing daemons that monitor industrial input output for sudden spikes in the onboard accelerometer. These daemons interface through the Legato Application Framework.

- Extensive C Programming
- Legato Framework Development
- IoT Design
- Industrial Input Output (iio)
- Posix Multi-Threading

Full Stack Web Developer, SES Consulting - Victoria BC

January 2019 – May 2019

Used the React library to develop a front-end platform for users to visualize and track energy consumption of a specific building or site. Developed backend on the Django framework, for user accounts and acquiring energy data from the database.

- React Library
- JavaScript, Python, HTML, CSS
- Django RESTful API Development
- PostgreSQL

Projects

Software Lead UVic Aero - Victoria BC

Developed Python framework to enable modularity, inter-application communication, and process management. Improved flight-line debugging time 50%.

Technical Skills

- Networking and Communications
- Python REST API
- MongoDB (Object DBMS)
- Architecture and Design Patterns
- React Development

Competencies

- Managing Version Control Projects
- Team-Based Project Management
- Appropriate Task Delegation
- Time Management to Meet Goals
- Documenting Technical Projects

Battle Snake - Victoria BC – March 2018, March 2019

Python3 • Docker • Git • REST API

EEG Classifier - Victoria BC

Python3 • PyTorch • NumPY • Matplotlib

NorthWest Hacks - Vancouver BC - Feb 2019

React • Django • NodeJS • SpotifyAPI • Digital Ocean

Awards & Recognition

Unmanned Systems Canada- 1st Place

References

BRNKL – Embedded Developer

Brandon Wright (CEO) – brandon@brnkl.io – (250) 208-0807

Biocilium – Web Development

Mitch Ormand (CEO) – mitch@helmkin.com – (250) 217-7055

UVic Aero – Software Lead

James Sease (President) – president@uvicaero.com