

Jordan Schneider

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Education

University of British Columbia

Bachelor of Applied Science – Electrical Engineering

September 2017 - April 2023

Vancouver, BC

Work Experience

Huawei Technologies Canada

May 2022 - December 2022

Cloud Software Engineer - Java, VueJs, SpringBoot

Burnaby, BC / Remote

- Developed the second version of an OBS admin console to improve visibility of the health and status of the OBS fleet, as well as provide operational APIs for the admins to interact with.
- Contributed to a new microservice oriented workflow for determining the health of server nodes in the OBS service to improve availability and performance in order to satisfy new, upcoming SLA.

Alpha Insights

May 2021 - August 2021

Test Engineer Co-op - Python, Astropy

Vancouver, BC / Remote

- Improved on testing software with a custom data class built on Astropy tables to software readability and efficiency over native python lists.
- Built a CI/CD pipeline on Gitlab and added pre-commit hooks to repositories to ensure a standardized code format.

Technical Projects - Links for projects are available on portfolio website listed on top of this resume

UBC Rocket Avionics

September 2019 - March 2022

Firmware Developer - Python, Pytest, C/C++

Vancouver, BC

- Implemented firmware features such as support for a battery voltage sensor and ability to read pin modes, and integrated with ground station code.
- Ensured code coverage requirements of 90% were met by adding integrations and unit tests for each feature added.

UFC Fight Predictor - Python, React, Flask, scikit-learn

- Trained a Random Forest machine learning model on over 5000 fights to make predictions with an accuracy of 84%.
- Built a flask api which takes fighters' names as input and translates them as features which are sent to the model which then returns the winner to the user.

Amazoom Multithreaded Warehouse Simulator - C#, Windows Forms

- Built a configurable warehouse simulation which allows users to set warehouse parameters, make restock and order requests, and track item statuses.
- Operations are handled asynchronously and in parallel, with mutexes, tasks, signals, etc. used to ensure proper synchronization of different threads.

myTinerary - React, Javascript, Flask, Python

- As part of nwHacks 2022, my team and I built a web app that utilizes the Yelp Fusion API to create a personalized travel itinerary based on location, interests and level of activity.
- I focused on the flask backend, making sure our API calls were limited to give the user a speedy response as well as developing an algorithm to help minimize distance between activities.

Skills

- Languages: C/C++, C#, Java, Python, Javascript, HTML, CSS, SQL
- Frameworks and Libraries: Flask, React, scikit-learn, SpringBoot, VueJs
- Tools: Git, JIRA, Gitlab CI/CD, Linux, Excel