Ferdinand Haaben

Fourth year Bachelor of Science student majoring in Computer Science. Experienced in front-end and back-end design and implementation. Familiar with many web development frameworks and related technologies. Passionate about solving problems with code. Eager to apply this passion and learn more about software Development.

Contact

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LinkedIn

GitHub

Website

Languages

Java

Python

JavaScript

SQL

PHP

German

Education

University Of British Columbia	2019 – 2024
Bachelor Of Science – Computer Science	Kelowna, BC
Northern Lights College	2015 – 2016
Aircraft Maintenance Engineering	Dawson Creek, BC

Related Experience

Plume Design Inc — 2023
Network Traffic Analyst — Remote
> Configured OpenWRT router with Open VPN and tcpdump
> Used custom commandline tools and wireshark to analyze packets
> Wrote "signatures" in custom programming language to uniquely identify network traffic
> Automated various processes with python scripts

Ocean Networks Canada — 2022
Junior Software Developer — Victoria, BC
> Created and maintained UI tests with Selenium
> Designed and built new front-end and back-end features using React and Java
> Performed code review on pull requests for other developers
> Gained experience with Git, Jira, agile SDLC, Java, Selenium, Junit, Mockito, Eclipse, VSCode, ReactJs, Javascript

Projects

Parrot Discord Bot — 2022
> Created a discord bot that uses Ai to say whatever the user wants, in whatever voice they want.
> Built a Django web site with discord and stripe integrations to monetize the bot.
> Implemented with python, mysql, django, OpenAi, ElevenLabs and stripe apis.

TA Scheduler Web App — 2023
> Maintained and improved upon a Web-App designed to optimally schedule Teaching assistants to positions
> Implemented with Laraval, Jquery, Bootstrap and MySQL

Office Hours Web App — 2023
> A web app designed to manage queues of students that need help from their professor.
> Completed front-end redesigns of multiple pages
> Added new features to give admins, and professors more control
> Expanded the app so that it can be used by many institutions
> Implemented using Nest.js, Next.js, React, Typescript

Ai content Generation Web App — 2023
> Led a small team to create an app that takes text input and generates a power-point presentation.
> Delegated tasks and set project priorities.
> Wrote code to use OpenAi API to generate the presentations
> Implemented using Django, Bootsrap, jQuery, postrgress, docker