

Adam Tidball

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Education

University of Victoria, Bachelor of Software Engineering

September 2019 to August 2024

Work Experience

Technology Department Co-op

January 2023 to April 2023

BC Investment Management Corp.

Victoria, BC

- Assisted users with technology problems and configuration. Problem-solved with service desk team members, and communicated with third-party vendors when needed.

Entrepreneurial Co-op

May 2022 to August 2022

NFTs For Charity

Vancouver, BC

- Managed the implementation of an NFT project using strategies like backward planning, Gantt charts, and leading discussions with a board of advisors.
- Designed and created a website using CMS tools and web development languages like HTML, CSS & JS.

Software Engineering Co-op

May 2021 to December 2021

Wenco International Mining Systems Ltd.

Richmond, BC

- Tested the Wenco systems manually using a testing environment, and created automated test cases.
- Created and updated Wenco Message Bus Documentation. Detailing important information about internal and external messages sent in the Fleet Management System.

Technical and Core Competencies

Programming Experience & Software Applications

- Python, C, C++, R, GIT, Docker Desktop, NextJS, FastAPI, Postgres, MS suite.

Writing & Communication

- Experience creating project proposals, memos, technical documentation, and engineering journaling.

Project Experience

Marketplace Application

- Participated in Agile Scrum design and development practices as a part of a 12-person student team.
- Followed a micro service architecture design including containerizing individual services with Docker.
- Applied textual vector embeddings to make content-based recommendations for users.

Huffman Encoding and Decoding Optimization

- Created a Huffman encoding and decoding program in C then optimized both the C code and the complied assembly code for improved performance.

Awards

PitchIt Competition Winner

March 2022

- 90 second business pitch judged based on the effectiveness of the pitch and the strength of the idea.

References

Gary Boddington – Entrepreneurial Co-op Mentor

Manish Tomar – Manager of End User Computing at BCI

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