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

- o 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

- o Managed the implementation of an NFT project using strategies like backward planning, Gantt charts, and leading discussions with a board of advisors.
- o 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

- o Tested the Wenco systems manually using a testing environment, and created automated test cases.
- o 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

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

Writing & Communication

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

Project Experience

Marketplace Application

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

Huffman Encoding and Decoding Optimization

- o 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

- o 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

- o Contact Information available upon request   o Contact Information available upon request