Andrew Motz

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SUMMARY

Deeply motivated third year Bachelor of Computing Science Student. Passionate learner who takes pride and enjoyment in bringing things into reality and solving problems. Thrives and is most happy in technological and fast paced environments.

SKILLS

Java - Completed 4 Java based courses that included Data structures and Mobile Development.

Python - Completed Python course and used Python for coding puzzles such as LeetCode and Advent of Code.

Oracle SQL - Finished Database Systems course that had a final project.

C++ - Taking an object oriented course that utilizes C++.

React - Used react to build a project for HCI course.

JavaScript - Used JavaScript for React project, Discord bots on personal time, and web development.

CSS and HTML - Created and hosted personal website from scratch and style HCI React project

EDUCATION

Bachelor of Computing Science
Minor in Marketing • Thompson Rivers University • Kamloops, BC • 2022 • 4.22 GPA on scale of 4.3

PROJECTS

NotiFi - A lightweight and efficient location based reminder app
Second Year School Project • April 2020
• Developed over 75% of the backend in a group of three using Java and Android Studio.
• Solved all of the technical blocks that we encountered past the professor's expectations by being determined and thinking creatively.
• Setup and managed the Git repository for the project while teaching the other group members how to use Git on their systems.

Bubbles And Borks - A Unity game for the COMP 1810 game jam
First Year School Project • November 2019
• Code 90% of game logic using C#.
• Setup the Unity environment for all group members' systems to integrate with Git.
• Won the entered game jam with a perfect score.

Valheim Food Calculator - A React game calculator
Third Year School Project • November 2021 - November 2021
• In a group of three, write 95% backend and structure front end with React.
• Coordinate and assign tasks to team members and teach them how to set up the development environment on their systems.
• Perform 40% of users interviews and analyze feedback to improve the project and write reports.

EXPERIENCE

Computer Technician
BC Web   **August 2016 - August 2020, Smithers, BC**
• Used teamwork and professionalism to resolve disputes with customers, staff, and other entities, resulting in de-escalated situations and primarily win-win situations.
• Completed and close tickets primarily within 24 hours because of good organizational, attention to detail and hard skills.
• Practiced good writing skills by communicating and coordinating projects with customers and other contractors via email to complete jobs in a efficient and timely manner.
• Learned over 50% of job skills unassisted due to no existing counterparts to this position and short training period.

Aircraft Loader
Perimeter Solutions   **April 2021 - August 2021, Smithers, BC**
• Completed the season with 0 environmental or safety accidents while working under live aircraft, heavy equipment and environmentally damaging materials.
• Found own tasks to complete without instruction, achieving high praise from both BC Forests and Perimeter Solutions.
• Applied attention to detail by managing a inventory of over half a million dollars of product with 0 errors in documentation, measurements, or procedures used to bill and maintain the inventory.

General Laborer
LB Paving   **June 2012 - October 2014, Smithers, BC**
• Operated safely in an industrial environment on a paving crew, semi-truck scales, and followed company procedures resulting in 0 incidents.
• Performed data entry with zero errors throughout a 2-week period with 14–12 hour shifts daily.
• Washed company and employee vehicles, including heavy machinery, receiving praise for producing the best results for that position historically produced.

Sales Associate
Sport Chek   **November 2014 - August 2016, Smithers, BC**
• Operated various shop equipment such as skate sharpening machines, ski waxing, and edge sharpening machine with no accidents or equipment damage.
• Applied learned knowledge to all 5 of the positions in the store as needed by being flexible.
• Used the desire to learn and self-initiative to learn the technical products in the store on personal time and be the "go to" employee on technological knowledge.

INVOLVEMENT

General Member
Thompson Rivers University • TRUSU Computer Science Club • January 2019 – Current
• Participated in workshops the club hosted such as Git, Hacktober Fest, creating and hosting a personal website.
• Attended club's meetings and provided useful input by being attentive.
• Helped other students in the support lab and Discord server.