ISAIAH SARKOR

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EDUCATION

THOMPSON RIVERS UNIVERSITY   **Kamloops, BC**
Bachelor of Computing Science   **Fall 2018** - **Fall 2023**

Accomplishments

- Excelling in coursework related to algorithms and data structures.
- Excelling in coursework related to programming.
- Made the dean's list for academic excellence in my fall 2019, fall 2020, winter 2021, and winter 2022 semesters.

PROJECT EXPERIENCE

- **GAN Art Generator**

I worked in a team of two and we created an art generator using a Generative Adversarial Network or GAN for short. We used a publicly available dataset of Van Gogh paintings to train our generator and discriminator and we were able to generate some artwork based on his style. Built with Python and the Pytorch framework.

- **Paintball Companion Pro App**

This is an app that allows paintball players and referees to set up games and track their individual stats. Each player could create an account and then track their lifetime paintball stats such as eliminations, flag captures, headshots, etc. Referees could set a timer and assign player lives depending on what game was being played. Built using Android Studio and SQLite.

- **Capstone Project**

For my Capstone Project, I worked in a team of four individuals and was required to build a cross-platform application for our client. The core functionality involved rendering forms based on JSON files located on a database. Users can then fill out the forms and submit the information to another database. Built using Flutter/Dart and Firebase.

- **Vigenere Decoder**

A program that can take an already encoded text file using the Vigenere cipher and decode it. Much research and trial and error was required. Built with Java.

SKILLS

TECHNICAL

- Programming Languages: Java, Python, C, C++, Dart.
- Web Development: HTML, CSS, JavaScript, PHP, SQL, Node.js, MongoDB, AngularJS.
- App Development: Kotlin, SQLite, Android Studio.
- IDEs: Microsoft Visual Studio Code, Eclipse, Android Studio, PyCharm, IntelliJ.
- Knowledge of Data Structures: Heaps, Binary Search Trees, Unions, Hash Maps, etc.
- Other: GitHub, Git, Microsoft Excel.

TRANSFERABLE

- Excellent at working under pressure.
- Proficiency in typing.
- Outstanding team player.
- Great problem-solving and analytical ability.
- Versatile and flexible.

WORK EXPERIENCE

PAPA JOHN'S PIZZA
Delivery Driver

Kamloops, BC
July 2021 -
September 2022

- Delivered pizzas in a timely and efficient manner.
- Required to be flexible and assist the in-store staff with making pizzas should the need arise.
- Required to serve customers with tact and quick service

PIZZA HUT
Delivery Driver

Kamloops, BC
May 2023 -
Present

- Delivered pizzas in a timely and efficient manner.
- Assisted with cleaning up the restaurant at the end of the night.
- Required to serve customers with tact and quick service.

References available upon request