

Riley Huston

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PROFILE

Highly motivated and detail-oriented computer science student with experience in multiple programming languages and a passion for creating efficient and user-friendly software. Currently seeking entry-level software development opportunities in a collaborative and dynamic work environment.

PROJECTS

Portfolio Website

- Developed a website from scratch to gain further experience using HTML, CSS, and Javascript.
- Hosted on GitHub Pages and is available to the public.

Cardcade

- Placed 1st overall together with a partner in Mini Jam 104, a 72 hour Game Jam.
- Rated 1st in Entertainment, Use of Limitation, and Concept categories. Rated 2nd in Presentation.
- Required to quickly learn how to use the Unity Game Engine and C# during development.

Royal Bank of Canada Website

- Collaborated with a senior manager at the Royal Bank of Canada to help redesign their employee learning hub with the assistance of 4 other teammates.
- Generated a prototype design to show the senior manager using User Experience Design concepts in an agile development environment.

Study Buddy

- Conceptualized an application with a team of 8 titled Study Buddy, a gamified approach to help users focus on studying.
- Formulated a Software Design Document along with a class diagram, 11 use case tables, 4 activity diagrams, 4 sequence diagrams, and 4 instances of concept art.

Sentiment Analysis

- Completed a machine learning programming challenge through Kaggle using the Natural Language Toolkit (NLTK).
- The program scores ~23 500 reviews based on the sentiment of text and titles.

PROJECTS

N-Queens Solver

- A tool that can be used to solve and visualize the N-Queens problem using CSP Consistency and Minimum Conflict algorithms.
- Front-end built using the React JavaScript framework and CSS.

UniToEats

- Created an Android Studio application with the assistance of 4 other teammates that would allow educational institutions to list on-site restaurants for students to order pick-up from remotely.
- Uses Firebase's NoSQL database to store user, order and restaurant data.

EDUCATION

Bachelor of Science, Computer Science, Minor in User Experience Design (UX)

Wilfrid Laurier University

September 2019 – April 2023

LANGUAGES

Python (Experienced) • **Java** (Proficient)

C / C# / C++ (Experienced)

JavaScript (Proficient) • **HTML** (Proficient)

CSS (Proficient) • **PHP** (Basic)

TECHNOLOGIES

Git (Experienced) • **Node.js** (Proficient)

React (Basic) • **Vite** (Basic)

Unix / Linux (Proficient) • **Apache** (Basic)