

Charles Russell

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Education

Bachelor of Science, Applied Computer Science

September 2020 – April 2022

University of Winnipeg (UofW), Winnipeg, MB

Major GPA: 4.2

Awards: Dean's Honour List

Technical Skills

Languages: Java, C#, Python/Numpy/Pandas, JavaScript/HTML/CSS, SQL

Frameworks: Node, Express, Handlebars

Tools: Unity, Git, Unix, Photoshop, PostgreSQL, MongoDB

Projects

- **Unity Games (C#)**
github.com/cjrussell23/Arcade
 - o Created multiple 2D games using Unity along with free and custom assets
 - o Compiled multiple games into an 'arcade' including soccer themed Pong, Brick Breaker, Space Invaders, and a 2D platformer
 - o Other Unity projects include:
 - o A 2D RPG platformer - github.com/cjrussell23/Knight-of-Xylasia
 - o A basic top-down RPG - github.com/cjrussell23/Top-Down-RPG
 - o Basic 3D first-person and third-person shooter games
- **Flappy Bird Clone (Java)**
github.com/cjrussell23/FlappyBirb
 - o Created a Flappy Bird Clone using the Java AWT package
 - o Created a state system for the menu / main game loop
 - o Implemented a high score system, sprite splitter, and tick system
- **Personal Website (JavaScript/HTML/CSS)**
github.com/cjrussell23/cjrussell23.github.io
 - o Created a personal website using github pages to showcase some of my projects and hobbies
 - o Implemented a mobile-first responsive design
 - o Used bootstrap for functional components (Nav, Carousel, Popover)

Work Experience

- **Sign Maker**
The Sign Source
October 2018 – January 2021
 - o Worked with clients and co-workers to design and manufacture signs
 - o Delivered and installed signs with precision and attention to detail
- **Line/Prep Cook**
The Raven Bistro
April – August 2017, 2018 (Seasonal)
 - o Prepared food in a timely and hygienic manner by following recipes and food presentation specifications
 - o Trained other line and prep cooks to work in a fast paced, team oriented environment
- **Head Lifeguard**
Beaver Creek Camp
June – August 2012– 2016 (Seasonal)
 - o Lead and supervised other lifeguards, children, staff, and volunteers at the pool and in various camp related activities.
 - o Problem-solved conflicts between children by listening and collaborating on a solution