

# Charles Russell

**Phone:** 204-770-5065 | **Email:** [chjrussell@gmail.com](mailto:chjrussell@gmail.com) | **Location:** Calgary, AB | **Website:** [cjrussell.xyz](http://cjrussell.xyz)

## Education

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**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

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

**Frameworks:** Node, Express, Handlebars

**Tools:** Unity, Git, Unix, Photoshop, Postgres, MongoDB

## Projects

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- **Unity Games (C#)**  
[github.com/cjrussell23/Arcade](https://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](https://github.com/cjrussell23/Knight-of-Xylasia)
    - o A basic top-down RPG - [github.com/cjrussell23/Top-Down-RPG](https://github.com/cjrussell23/Top-Down-RPG)
    - o Basic 3D first-person and third-person shooter games
- **Flappy Bird Clone (Java)**  
[github.com/cjrussell23/FlappyBirb](https://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](https://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

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- **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