

# Hamish Harrison

## Full Stack Developer

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🐙 [github.com/Noxirus](https://github.com/Noxirus)

### PROFESSIONAL SUMMARY

- Professional Full Stack Developer for 2 years
- Core programmer and designer in developing 5 Unity WebGL games and 1 Android game to the Google Play Store
- Average rating of created games 95% positive
- Supported in the full cycle development of 2 web applications

### EXPERIENCE

#### Full Stack Developer

Deleptual

Remote - Toronto, ON

December 2020 to November 2022

- Created 6 commercial quality puzzle systems using C# and the Unity Engine
- Developed an admin dashboard with content management, including user profile control, file storage and page details using React and Firebase API
- Designed and developed mobile friendly input system with camera rotation, zoom, panning and interaction
- Optimized projects using texture compression, collider geometry reduction, lean update function calls and object pooling, resulting in faster framerate and lower file size
- Fully formatted a website using references from Figma using Bootstrap, CSS, and React Styled components
- Developed and designed a full website based on client feedback using the React Framework with Firebase/Firestore
- Set up a database for a project, initializing correct services, security rules and authentication
- Integrated and deployed security rules for a DB using Firebase emulators

#### Web Developer Intern

Castle Toys

Calgary, AB

September 2020 to November 2020

- Integrated inventory into new E-Commerce websites, resulting in additional online sales
- Fixed inventory bugs and updating product information, ensuring all products are accurately posted to the E-Commerce websites
- Formatted Shopify website using HTML and CSS

### TECHNICAL SKILLS

- **Programming:** C#/ASP.NET, Javascript, React, HTML, CSS, Jest, Python, React-Native, Java, SQL, REST, JQuery, JSON, C/C++, Typescript
- **Software:** Visual Studio, Visual Studio Code, Git, Unity, Npm, NodeJS, Redux, IntelliJ, Google Play console, Android Studio, MySQL, Chrome, Firefox
- **Cloud Services:** Firebase/Firestore, MongoDB, Digital Ocean, OracleDB

### EDUCATION

#### Object Oriented Software Development Certificate

Southern Alberta Institute of Technology

Calgary, AB

Awarded November 2020

- Worked collaboratively with peers to create larger software applications using Java, C# and Javascript
- Learned fundamentals of software development best practices and security considerations
- Utilized Github as source control for project work
- Presented project work to peers in an organized and structured manner

#### Bachelor of Arts in Linguistics, Minor in Music

University of Calgary

Calgary, AB

Awarded May 2015

- Electives include Computer Science and Logic

## BADGES & CERTIFICATES

- **Unity:** Certified User: Programmer, Awarded May 2020
- **Udemy:**  
Complete C# Unity Game Developer 3D, Awarded Sept 2020  
Unreal Engine 5 C++ Developer: Learn C++ & Make Video Games  
Awarded January 2023
- **IBM:** Application Security Engineer – Explorer Award for Educators, Awarded June 2020
- **Code with Mosh:**  
The Complete Node.js Course, Awarded July 2020  
Mastering React, Awarded July 2020  
The Ultimate Redux Course, Awarded Aug 2020

## VOLUNTEER EXPERIENCE

### **Volunteer Mentor**

Canada Learning Code

*Calgary, AB*

September 2020 to Present

- Supported clients to learn the fundamentals of programming and tech

### **Peer Mentor, Leadership and Crisis Volunteer**

Distress Centre Calgary

*Calgary, AB*

October 2011 to May 2015

- Handled hundreds of support calls for clients
- Participated in crisis intervention with risk management, empathy and understanding
- Mentored volunteers of all skills levels, supporting them in utilizing crisis intervention