Hamish Harrison

Full Stack Developer

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PROFESSIONAL SUMMARY

- Professional Full Stack Developer for 2 years
- Core programmer and designer in creating and shipping 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

Game Developer
Deleptual
Remote - Toronto, ON
December 2020 to November 2022

- Created 6 commercial quality puzzle systems using C# and the Unity Engine
- Created data structures for 8 projects using Firebase (NoSQL)
- Learned to integrate the Google Play Console with a Unity Android project in two weeks
- Optimized projects using texture compression, collider geometry reduction, lean update function calls and object pooling, resulting in faster framerate and lower file size

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

BADGES & CERTIFICATES

- **Unity:** Certified User: Programmer, Awarded May 2020
- **Udemy:** Complete C# Unity Game Developer 3D, Awarded Sept 2020
- **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

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

Bachelor of Arts in Linguistics, Minor in Music
University of Calgary
Calgary, AB
Awarded May 2015

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