BENJAMIN K. H. HUNTER

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Bkhunter.github.io

EDUCATION

B.Sc. Computing Science with Distinction ∎ University of Alberta
Graduated April 2016

Special Interests in Software Development and Processes, Game Design, and Web Applications and Architecture. Includes Certificate in Computer Game Development.

WORK EXPERIENCE

Android Developer, Self Employed
September 2017 - January 2018

Consultant: Met with client to establish user requirements, application specifications, storyboards, and development schedules.
Developer: Created a persistent multifunctional Android application with a responsive user interface and robust test coverage.
Tools: Android Studio, Java, XML, Robolectric, Google Material Design, JSON

Software Developer, University of Alberta, AGE-WELL
January 2016 - March 2017

Developer: Constructed Virtual Gym, a customizable exergame framework for physical rehabilitation and senior health research using the Microsoft Kinect and Unity.
Research Assistant: Guided public demonstrations and information sessions, adapted software in response to feedback, reviewed and co-authored academic papers based on research and findings of Virtual Gym.
AGE-WELL HQP: Worked closely with an interdisciplinary team of researchers, physical and occupational therapists, and health professionals to understand the needs of end users, establish timelines, and streamline development.
Tools: Unity game engine, Microsoft Kinect, C#/.Net, XML.

SKILLS

- Proficient with Python, C#, Java, C++, and HTML/CSS technologies.
- Expertise with Android Studio, Unity Game Engine.
- Development experience with Javascript, SQL, C, PHP, JSON, XML.
- Comfortability with design software 3ds Max and GIMP.
- Knowledge and direct experience with Agile methods and practices.

- Extensive experience working in Interdisciplinary team environments.
- Excellent written and verbal communication.
- Proven ability to work independently with minimal oversight.
- Strong creative problem solving skills.

COMMUNITY INVOLVEMENT

Volunteering
Pass it on Boys youth mentor (2010)
Shinerama for Cystic Fibrosis (2012)
Watershed Watch Salmon Society (2017)

Clubs and Activities
Salt Spring Island Concert Band (2006-2011)
UAlberta Intramural Basketball (2011-2013)
VGAD Game Development Expo presenter (2015)

INTERESTS

Games/Game Design ∎ Basketball ∎ Sci/Fi and Fantasy ∎ Music ∎ Art and Design ∎ Walking/Running ∎ Tea ∎ Puzzles ∎ Nature ∎ Programming