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Austin Riopelle

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EDUCATION

University of Michigan, Ann Arbor, MI

Bachelor of Science in Engineering in Computer Science

May 2020

GPA: 3.95/4.00

Coursework: ENGR 101: Introduction to Computers and Programming, EECS 280: Programming and Introductory Data Structures, EECS 203: Discrete Math, MATH 216: Intro to Differential Equations.

Thomas Jefferson High School for Science and Technology, Alexandria, VA

June 2016

Coursework: AP Computer Science, Artificial Intelligence I&II, Parallel Computing I&II, Mobile & Web Application Development, Multivariable Calculus, Linear Algebra.

WORK EXPERIENCE

Solebrity, Inc., Ashburn, VA.

Front-end iOS Development Intern

July-Aug 2016; July-Aug 2015

- Wrote and debugged Swift and Objective-C code to develop key front-end components and implement core functionality of a shopping social-media iOS application now available on the App Store.
- Coordinated with the iOS and Android development teams to track and resolve issues across versions, preparing the application for leaving beta development and being released.
- Tested functionality of the already-released app and communicated results across the company to address concerns voiced by users and ensure that those users would continue to enjoy using the app.

American Wood Council, Leesburg, VA.

Product Tester and Data Entry Intern

Aug 2014

- Reviewed educational materials to ensure proper function and clarity for customers, and communicated results with others in the company for improvement.
- Cataloged the company's collection of technical manuals and books into an electronic database so that the materials could be more easily accessed throughout the company.

SKILLS & PROJECTS

Programming: Java, Python, C/C++, C#, HTML/CSS, JavaScript, PHP, Objective-C, Swift.

Operating Systems: Windows, macOS, Linux (Ubuntu & Raspbian on the Raspberry Pi).

Software: MATLAB, Xcode, Android Studio, Unity, Blender.

Languages: Intermediate-beginner level Japanese.

EXTRACURRICULAR ACTIVITIES

WolverineSoft (game development organization),

Sept 2016-Present

University of Michigan.

FIRST Robotics Competition, TJHSST.

2014-2016

FIRST Tech Challenge.

2011-2016