Andrew Camilleri

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SKILLS

Programming Languages: Python, Java, C, C#, LUA
Web: HTML5, CSS, JavaScript, React, Vue
Software: VMWare Horizon, Windows PowerShell ISE, Microsoft Excel

EXPERIENCE

Software Research Assistant, Physics & Computer Science *October 2020 - Current*
Wilfrid Laurier University *Waterloo, Ontario*
· Conducted data analysis for experiment simulations using JavaScript.
· Investigated tools that would allow building physics-based animations or simulations using JavaScript, HTML5, and CSS.

Coding Instructor *November 2019 - September 2020*
Code Ninjas *Waterloo, Ontario*
· Tutored students using JavaScript, LUA, and C#
· Taught students coding fundamentals using STEM robots such as Dash 'n' Dot and Sphero

IT Infrastructure (Co-op) *May 2019 - August 2019*
Terrapure *Burlington, Ontario*
· Worked with Windows PowerShell Scripting, VMware Horizon, BTC (Bell Total Connect)
· Updated Active Directory
· Assisted with basic IT Help Desk tasks

PROJECTS

3D Ball with Physics *github.com/aacamilleri/physics-ball*
· Created an environment that emulates real-life physics using JavaScript.

WeatherApp *weatherwarriors.ca github.com/aacamilleri/weatherapp*
· Created a weather app for the Waterloo region using JavaScript and the DarkSky API.
· Allows you to view the weather in both Fahrenheit and Celsius.

EXTRACURRICULAR

WLU PHI Society of Physics, Computer Science, and Mathematics. *March 2019 - Present*
General Member *Waterloo, Ontario*

EDUCATION

Wilfrid Laurier University, Computer Science (BSc) *Expected - 2022*
Relevant Courses: Data Structures, Algorithms, Databases, OOP, Software Engineering, Operating Systems, Linear Algebra, Discrete Math, Microprocessors and Digital Electronics, Networks