Stew Esho

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Education

University of Toronto BSc. Candidate   September 2017 – Present
Computer Science, Mathematics Minor
3.62 GPA

Experience

Web Developer Red Piston Inc.   June 2019 – August 2019
- Developed WordPress plugins and themes from scratch using PHP and jQuery
- Created custom backend APIs and sites with Laravel, PHP
- Maintained websites for major clients, such as Lowe's Canada

Computer Science Researcher University of Toronto   May 2018 – August 2018
- Developed an educational game using Unity and C# to teach STEM topics
- Conducted playtests with 25 high school students
- Analyzed data and submitted report on optimal educational game design elements

Robot Automation Technician JFK Systems Inc.   July 2017 – August 2017
- Programmed automated movement for KUKA 6-axis industrial robots
- Configured production line of 6 new KUKA robots for first-time use

Projects stewesho.me

Reflect, Refract, Escape Unity, C#   GitHub Link
- Multiplayer puzzle game to teach students about optics and the properties of light rays
- Completed for research project at the University of Toronto
- Educators requested to use final product in their high-school classrooms

Radial Bracket Generator React, Flask, Javascript, Python   GitHub Link
- Web-app used to generate radial brackets for tournaments
- Developed HTML form using Flask (Python framework) as the controller
- Algorithmically generates radial brackets using Python backend

Voyageur Transit Manager JavaFX, Java
- Desktop client built with JavaFX UI that manages transit systems
- Developed Java backend to allow users to create passes to board and exit transit vehicles
- Integrated backend with frontend admin tools built by team members