

ALLYSSA POULIN

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EDUCATION

BSc. Honours Computer Science with Software Engineering Specialization

April 2023

University of Windsor

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Software Design and Analysis, Computer Architecture, Database Management Systems

SKILLS

Languages Java, C, C#, HTML/CSS/Javascript, Python, C++

Frameworks React, Bootstrap, Springboot

Tools Git, Linux, Eclipse, Unity, Visual Studio

PROJECTS

Compound Interest Rate Visualizer. Created and designed an interactive web app that helped students develop an understanding of compound interest. Utilized Google Charts to display interactive and colour coded charts. Ensured readable and maintainable code that allowed for easy future developments and bug fixes

Multiple Unity Game Projects. Designed and programmed a first-person shooter game, a 3D puzzle game, and a Unity demonstration game. Developed using object-oriented design principles to ensure re-usability of code. Explored and experimented with online documentations to develop and finalize the products.

EXPERIENCE

Teaching Assistant

Jan 2022 - Present

University of Windsor

- Teaching assistant for a third- and fourth-year artificial intelligence in game design and development course
- Hosted office hours, tutorial sessions, tutored students one on one, about working in Unity and game design principles

Research Database Assistant

Jan 2022 - Aug 2022

University of Windsor

- Database web application development using PHP and MYSQL for a library book checking system
- Developed using HTML, JavaScript, and CSS for front-end utilization of the database
- Collaborated with Professor and Graduate students to create documentation for future students

Crew Trainer

Feb 2019 - Aug 2021

McDonald's Canada

Tecumseh, ON

- Ensured great customer service and satisfaction - assessed needs and communicated with all types of customers
- Trained new employees on procedures and standards, and continued to oversee and lead efficiently on the floor

VOLUNTEER

- FIRST Robotics – Team 4920
Programming Lead & Mentor — 2019 Present
- Women in Cyber Security
Secretary — 2022 – Present
- Enactus YouThrive 3.0
Development Associate — 2021 – 2022
- Game Design and Development
Treasurer — 2021 – 2022