

Allyssa Poulin

Windsor, Ontario

allyssapoul@outlook.com

(226) 280 7771

<https://www.linkedin.com/in/poulina/>

<https://github.com/allyssap>

EXPERIENCE

LMS Support Staff

Jan 2023 – Present

Centre of Teaching and Learning - University of Windsor

- Created drafts for learning support system tutorials, FAQs, tutorials and guides
- Hosted online support drop-ins to aid with transition from previous learning management system for students and instructors
- Presented during meetings to update staff on project progress

Research Assistant

Jan 2022 - Present

School of Computer Science - University of Windsor

- Improved efficiency in retrieval from database for web application with PHP and MySQL, developed a front-end application using HTML, JavaScript, and CSS
- Implemented visualization of orderly algorithms for full binary trees in Python, research into orderly algorithms for graph generation and generation tournaments

PROJECTS

Improving Microblog

- Implemented additional features including two factor authentication, security questions and requiring stronger passwords to improve user account security to improve the existing application
- Increased productivity on development by implementing a Jenkins continuous integration pipeline connected to the Github repository
- Automated testing of new and previously developed features, performed security tests to find weaknesses and vulnerabilities in the application using Zed Attack Proxy and SonarQube

2D Dungeon Crawler Game

- Designed and programmed a top-down 2D dungeon crawler
- Developed using C# and object-oriented design principles to ensure reusable code
- Explored and experimented with online documentations to develop and finalize the product

Compound Interest Rate Visualizer

- Created and designed an interactive web app in JavaScript for Waterloo Catholic School Board, developed based on new Grade 9 curriculum to understand compound interest rates
- Utilized Google Charts to display colour coded charts.
- Demonstrated a commitment to producing high-quality code by ensuring that it was both readable and maintainable

EDUCATION

BSc. Honours Computer Science with Software Engineering Specialization

Apr 2023

University of Windsor

Relevant Coursework: Design and Analysis of Algorithms, Database Management Systems, Systems Programming in Linux, Software Verification Testing, Object Oriented Programming in Java, Computer Networks, Continuous Integration and Automation Testing

SKILLS

Languages: Java, C++, C#, HTML/CSS/JavaScript, Python

Frameworks: Flask, Bootstrap, Spring Boot

Tools: Git, Linux, Unity, Visual Studio, MySQL, Docker, Jenkins, AWS, Google Workspace