# Allyssa Poulin

**Software developer**

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## Education

**Bachelor of Computer Science – Specializing in Software Engineering**
*University of Windsor | 2019 – 2023*

## Skills

- Java
- C / C++
- Python
- SQL
- HTML/CSS/JavaScript
- PHP
- Git
- GitHub
- Eclipse
- Visual Studio
- Unity
- Windows
- Linux
- Mac OS

## Clubs

**UWindsor Women in Cyber-Security**
*Secretary | 2022-2023*
**Enactus Youthrive 3.0**
*Development Associate | 2021-2022*
**UWindsor Game Design and Development**
*Treasurer | 2021-2022*
**FIRST Robotics – Team 4920**
*Programming Lead | 2019*

## Experience

**Database Research Assistant**
*University of Windsor | Jan 2022 - Present*
- Database web application development using PHP, MYSQL and PDO of a library book checking system
- Assisted with implementation, design, testing, and analysis of database search algorithms

**Teaching Assistant**
*University of Windsor | Jan 2022 - Apr 2022*
- Teaching Assistant for a fourth year Artificial Intelligence in Game Design course
- Hosted office hours, tutored students one on one, and marked assignments and projects

**Seasonal Sales Representative**
*Dollarama | Sept 2021 – Dec 2021*
- Greeted customers upon their entry into the store
- Performed all checkout procedures quickly and accurately
- Stocked and maintained shelves, keeping checkout queue tidy

**Crew Trainer**
*McDonald's Canada |Feb 2019 – Aug 2021*
- Ensured great customer service and satisfaction by assessing needs and communicating with all types of customers- by approaching the situation empathetically with the intent to help solve the situation
- Trained new employees on procedures and standards, and continuing to oversee and lead efficiently on the floor

**Student Desk Clerk**
*Essex County Library | June 2015- Feb 2019*
- Guaranteed correct returns and check-outs of books for patrons
- Ensured books, movies, and other media were organized and stored in their respective places

## Projects

**Compound Interest Visualizer**
*HTML/CSS/JavaScript | July 2022*
- Created and designed an interactive web app for students to use to help understand how interest on a $1000 loan works
- Utilized Google Charts to display interactive and understandable charts

**Multiple Unity Game Projects**
*C#/Unity | November 2021*
- Designed and programmed a first-person shooter game, a 3D puzzle game, and a fight simulator game
- Utilized online resources to gain insight needed to finalize the products

**MySQL Database Design**
*MySQL and PHP |October 2021*
- Coded SQL DDL statements to define a database with its integrity constraints, SQL DML instructions to insert data into the database, and to delete data in the tables
- Designed and implemented queries to be used on the database
- Built a web database application using PHP front-end, using PHP Direct Admin, and kept up to date, thorough documentation of the process