

PATRICIA FAITH DELOS SANTOS

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SUMMARY OF QUALIFICATIONS

- Proficient in programming languages such as Python, C++, and Java with 4 years of hands-on experience on academic assignments and projects. Consistently achieved high grades, maintaining a 90%+ average in programming courses.
- Enthusiastic and quick learner, always ready to learn and experienced in self-directed learning within fast paced timelines. Exemplified by successful learning and implementation of the SDL2 Graphics and Audio Library into a C++ final project.
- Excellent collaborator with articulate verbal and written communication skills in English, enjoys working with groups to accomplish various tasks like course work, volunteer work and hackathons. Participation in 4 hackathons to date.
- Creative and analytical thinker, skilled in debugging code and problem-solving through diverse approaches.
- Completed a software engineering course that covered both Agile and Waterfall SDLC, project management, requirements gathering and analysis, design, development, implementation, and testing with a hands-on approach.

TECHNICAL SKILLS

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|------------------------|------------------------|----------------------------|--------------------------|
| • Python (Advanced) | • Java (Intermediate) | • Lisp (Intermediate) | • Haskell (Intermediate) |
| • C++ (Advanced) | • Linux (Intermediate) | • Smalltalk (Intermediate) | • Pandas (Competent) |
| • MS Office (Advanced) | • C (Intermediate) | • Elixir (Intermediate) | • JavaScript (Competent) |

EDUCATION

Bachelor of Science (B.Sc.): Computer Science, Co-operative Education | CGPA: 3.87/4.33

Sep 2022 – Apr 2027

Toronto Metropolitan University (Formerly Ryerson University) | Toronto, ON

- Dean's List 2022-2023
- 90%+ Average Entrance Scholarship
- One of 40 recipients of the RBC Scholarship for the Children of Employees

ACADEMIC PROJECTS

MyAudio App – First Year, CPS 209 - Final Project

Apr 2023

Technologies Used: Java

- Given a word document of requirements and code with existing classes and functions, tasked with filling out empty functions as well as modifying existing functions to fit requirements.
- Object-Oriented programming, file I/O, Java Collections, objects and classes, inheritance, and interfaces.

Expense Tracker – First Year, CPS 109 - Assignment 1

Oct 2022

Technologies Used: Python

- Created a simple, console-based expense tracker.
- Contained basic features such as calculating total expenses, generating an expense list, sorting the expense list (by name or cost amount), and removing an expense.

Maze It Up – Grade 12, ICS 4U0 Final Project

Dec 2021

Technologies Used: Visual Studio, C++, SDL2, Pixaki (for Sprites)

- Created a top down, sprite-based maze game using C++ object-oriented programming.
- Learned and implemented the SDL2 Library independently for graphics and audio, within a tight deadline.
- Mazes are rendered from a .txt file which contains map elements such as W (wall), C (coins), S (start) and E (end).

HACKATHONS

SerenityHacks – Toronto Metropolitan University, Toronto, ON | Award: Best Pitch

Jan 2024

Technologies Used: Figma, HTML, CSS, JavaScript, IbisPaint (for Sprites)

- Collaborated in a team of 4 to create a game concept that promotes player's well-being via caring for a virtual pet.
- Learned to use Figma to create an app prototype to simulate the layout and interactions within the game.

ConUHacks – Concordia University, Montreal, QC

Mar 2023

Technologies Used: Python, Pygame, IbisPaint (for Sprites)

- Collaborated in a group of 3 to create a concept for a game that teaches players about financial awareness.
- The game concept consists of Tamagotchi-style gameplay which involves making choices on everyday life expenses and the resulting benefits and consequences.

VOLUNTEER EXPERIENCE

Choir Member, Hope Bible Church, Oakville

Oct 2023 - Present

- Attended weekly rehearsals and performed with a diverse group of around 40 members and the worship team for 3 services.

Senior Worker – Early Childhood / Hope Kids Camp, Hope Bible Church, Oakville

Mar 2019 - Present

- Led and guided children through activities such as outdoor games, crafts, and group discussions.
- Worked in groups 3-6 with other volunteers.
- Developed vital skills such as leadership, communication, and conflict management, as well as virtues such as kindness, understanding and patience.

EXTRACURRICULARS

DECA Ontario – Finance Cluster, Streetsville Secondary School, Mississauga

Sep 2019 – May 2021

DECA is a club that helps prepare students for careers within the fields of Finance, Marketing, Hospitality and Tourism, Entrepreneurship and Business Management and Administration.

- Competed in the Business Finance and Personal Financial Literacy events.
- Compelling presentation and communication skills through enactment of various given roles such as an insurance agent or financial advisor within different financial scenarios including selling of insurance as well as personal and business budgeting. Demonstrated improvisation, adaptability, and quick thinking due to a 10-minute role preparation time limit.
- Qualified for Ontario provincials all 3 years.