

Allyson Pereira

Hamilton, ON

(365) 888-8323

allyson.sousa-pereira@mohawkcollege.ca | [LinkedIn](#) | [GitHub](#) | <https://allysonpereira.github.io>

Third Semester Computer Systems Technician – Software Support student at Mohawk College, proficient in end-to-end software development using Java, Spring Boot, Flutter, JavaScript, Angular, C#, Python, PHP, SQL, and MERN Stack. Bringing a unique blend of over 8 years of industry experience including B2C and B2B in accounting and finance sector utilizing client-server architecture. I hold a Bachelor of Science in Accounting from UNIRN, an esteemed institution in Brazil. I graduated with honors and received a Student Merit Certificate for academic excellence. Strong ability to work independently and lead teams for optimal performance. Proven ability to adapt to new environments and technologies. Exceptional communication, analytical, and problem-solving skills. Committed to maintaining high quality standards.

EDUCATION

Computer Systems Technology- Software Development

September 2022 - Present

Mohawk College – Hamilton, ON | Anticipated Graduation Date: December 2024

- ❑ Founder of the Mohawk Coding Den Software Development Club at Mohawk College.
- ❑ Working as a Senior Software Developer/Executive for the Mohawk CodeReady Club with MSA.

Bachelor of Science - Accounting

January 2014 - November 2017

UNIRN Centro Universitário do Rio Grande do Norte – Natal, RN - Brazil

- ❑ Major: Accounting
- ❑ Minor: Finances
- ❑ Awarded with a Student Merit Certificate for academic excellence.

SKILLS

- ❑ C# (.NET)
- ❑ Java (Spring Boot)
- ❑ Python (Django)
- ❑ JavaScript (Angular, React, Express, Node)
- ❑ PHP (Laravel)
- ❑ Database: MongoDB, MySQL, PostgreSQL
- ❑ HTML / CSS (Tailwind, Bootstrap, MUI, Chakra UI)
- ❑ GitHub, Bitbucket, Jira
- ❑ Visual Studio, VS Code, IntelliJ, BlueJ, Eclipse, Vim, Nano, Atom, Sublime text, Jupyter Notebook, Pyzo

PROJECTS

ArnieTunes: Where Music Meets Arnie, Mohawk College – Hamilton, ON

August 2023 - Present

Description: An ongoing collaborative project by three Mohawk College students, including myself, to enhance the music experience at the Mohawk College Arnie Food Court. We are developing an interactive music request system using QR codes on food court TVs. Students can scan these codes with their smartphones, access a web app, and select songs from a pre-approved playlist or submit their requests. The system will manage and play these requested songs, creating a more engaging and enjoyable atmosphere in the food court.

Stack: MongoDB, Express, Node, and React

- ❑ QR Code Integration: Generate QR codes for each song request and display them on food court TVs.

- Web App for Song Selection: Develop a responsive web app using React to allow students to scan QR codes, access the playlist, and submit song requests.
- Playlist Management: Use MongoDB to store and manage the pre-approved playlist of songs, allowing dynamic updates.
- Real-Time Audio Playback: Utilize Node.js and Express.js to handle real-time audio playback based on user requests, creating an engaging atmosphere in the food court.

MyChat – Hamilton, ON

June 2023

Description: Created a full-stack real-time chat app using Node.js, Express.js, and React with pre-built chat UI components. Features include user authentication, instant messaging, attachment sharing, and cross-platform compatibility. Powered by ChatEngine.io for efficient chat data management, demonstrating proficiency in full-stack development and real-time communication.

Stack: Node, Express, and React

- Functionality: User authentication, real-time messaging, attachment sharing.
- Accessibility: Seamlessly adapted for both desktop and mobile devices.
- Integration: Efficient chat data management via ChatEngine.io.
- Development Proficiency: Demonstrated skills in full-stack development and real-time communication.

WORK EXPERIENCE

Server, Mandarin Restaurant Franchise Corporation, Hamilton, ON

November 2022 - Present

- Recognized as Employee of the Month for three consecutive months, showcasing consistent excellence in delivering memorable dining experiences.
- Proactively addressed and resolved customer inquiries, concerns, and special requests, resulting in a 15% increase in positive online reviews and guest feedback.
- Worked closely with kitchen and service teams, ensuring smooth communication and teamwork during busy shifts, enhancing the guest dining experience.
- Adapted to last-minute changes and special requests, demonstrating flexibility and a commitment to guest satisfaction.
- Assisted in organizing special events and promotions, boosting restaurant revenue by 12% during promotional periods.

Accounting Manager, NORTEC Accounting & Consultants, Brazil

January 2014 - August 2022

- Tracked business revenue and expenditures and reconciled accounts to maintain high accuracy.
- Applied proper codes to invoices, files, and receipts to keep records organized and easily searchable.
- Investigated daily variances and corrected errors to resolve discrepancies.
- Completed bi-weekly payroll for company employees.
- Implemented and regularly reviewed financial controls to generate accurate and reliable financial data.

EXTRACURRICULAR ACTIVITIES & VOLUNTEER EXPERIENCE

Python Programming Fundamentals Tutor, Mohawk Coding Den, Hamilton, ON **September 2022 - Present**

- Encourage students to collaborate using each other as resources using leadership skills.
- Develop several Python projects to help students better understand the programming concepts through a creative approach.
- Organize weekly tutoring sessions; help students and classmates develop strategies for studying better.

Founder, Mohawk Coding Den – Hamilton, On

September 2022 - Present

- Founded Mohawk Coding Den, a tech community in the Hamilton Area, which helped students secure software development roles through coding workshops, industry talks, and competitions while fostering valuable networking opportunities.