

Matthew Kolesnik

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Education

Bachelor of Applied Science, Computer Science - McMaster University

Expected Graduation Date: April 2029

- Recipient of the Engineering Award of Excellence (\$3,000) and the BTech Entrance Award (\$2,000) for high academic achievement

Experience

Siemens Canada and Corporations for Community Connections – Oakville, ON

August 2023

IT Equipment Refurbishment (for donation) - Volunteer

- Collaborated in a team setting to refurbish and configure 100+ laptops, ensuring they met corporate standards for donation to local charities.
- Demonstrated attention to detail and technical knowledge while performing hardware and software diagnostics and quality checks.

City of Toronto – Toronto, ON

Sept 2023 – August 2024

Swimming Instructor/Lifeguard

- Instructed beginner and intermediate swimmers in group and private lessons, fostering water safety, confidence, and technical proficiency.
- Maintained consistent communication with parents, providing weekly updates to support swimmer development and program satisfaction.
- Coordinated with fellow instructors to deliver engaging, inclusive, and safe learning environments, demonstrating teamwork and dependability.

Projects

Personal Portfolio Website | HTML, CSS, JavaScript, Vercel

<https://matthewkolesnik.vercel.app>

- Designed and deployed a responsive portfolio website to showcase academic background, and resume.
- Structured project sections with interactive links and modular content for clear, professional presentation.
- Hosted on Vercel with custom domain support and mobile first layout optimization.

Course Management System | C++

[github/Course-Management-System](https://github.com/matthewkolesnik/Course-Management-System)

- Developed a console based application to manage university courses, simulating required, elective, and lab classes using inheritance and polymorphism.
- Designed a flexible system to load course data from external files, display timetables, and manage student enrollment. Integrated file I/O for real time course lookup and used class hierarchies for modular course representation.

Sales Data Analysis | Python, Pandas, Matplotlib, Seaborn

[github/Data-analysis-project](https://github.com/matthewkolesnik/Data-analysis-project)

- Analyzed and visualized monthly sales trends using Python and real world CSV data.
- Extracted insights on top-selling products, seasonal demand, and total revenue using grouping and time series methods.
- Built clear and informative data visualizations to highlight trends and aid business decision-making.

Extracurricular Activities

First-year Representative of MUSA (McMaster Ukrainian Student Association)

Sept 2024 - Present

- Promoted the association, recruited new members, supported and assisted in event planning, and advocated for first years in monthly meetings.

Skills

Technical Skills: Python, Java, C++, HTML/CSS, JavaScript, Github, Pandas, Visual Studio Code and Community

Certifications: Python for Data Science, AI & Development

Computer Proficiency: Microsoft Office (Excel, Word, PowerPoint, Teams, Outlook) and virtual meeting tools

Relevant Courses: Foundations of Business, Object Oriented Programming, Electricity and Electronics, Analytical Chemistry