

MATTHEW PIERRE

Computer Science Teacher

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📞 613-859-7210

Profile

Dedicated hard-working, passionate, computer science graduate proficient in various platforms, languages, and embedded systems, is very excited to apply. I have four years of teaching experience with students in various settings and with different ability levels. I have used my leadership and strong communication skills to encourage each student to succeed.

Employment History

Computer Science Instructor at APASS Education, Vancouver, BC

Computer Science Instructor at Q2 Academy, Toronto, ON

July 2021 – Present

(Currently perform similar job responsibilities for two separate companies)

- Designed and prepared course material for multiple courses relating to all elements of Python and Java, such as data structures, sorting algorithms, and networking.
- Mentored and guided students in preparation for coding competitions and university entrance exams.
- Ensured a productive, collegial, safe, and positive learning environment for the students.
- Monitored students' progress through the course and provided constructive feedback when necessary – with an aim to ensure that students understood the class material and can apply it to other areas.

Emergency Substitute Teacher & EA at Windsor-Essex Catholic District School Board, Windsor, ON

Emergency Substitute EA at Greater Essex County District School Board, Windsor, ON

February 2023 – Present

- Created a responsive and user-friendly website for Guardian Fire Protection, focusing on professional design, enhanced usability, and optimized functionality to meet the company's business needs. Included all essential contact information, providing users with quick and easy access to phone numbers, email addresses, and office locations.
- Delivered lessons in a variety of subjects and grade levels, following prepared lesson plans to ensure continuity in students' learning.
- Established and maintained a safe, respectful, and inclusive classroom environment, promoting positive student behavior and engagement.
- Supported students' academic and emotional needs by clarifying instructions, assisting with tasks, and fostering a welcoming atmosphere.
- Communicated effectively with school staff and administration to address classroom challenges and ensure a seamless transition in teacher absences.
- Adhered to school board policies and procedures while demonstrating flexibility and reliability to meet the demands of on-call teaching assignments.

Freelance Web Developer for Guardian Fire Protection, Windsor, ON

September 2024 – Present

- Created a responsive and user-friendly website for Guardian Fire Protection, focusing on professional design, enhanced usability, and optimized functionality to meet the company's business needs.
- Included all essential contact information, providing users with quick and easy access to phone numbers, email addresses, and office locations.
- Designed sections to clearly outline the company's services, ensuring clients could easily understand the range of fire protection solutions offered.
- Implemented a contact form, enabling users to send inquiries directly through the website, improving communication and enhancing client outreach.

Digital Discovery Camp Lead at The Discovery Centre, Halifax, NS

May 2023 – September 2023

- Developed a comprehensive curriculum for a week-long digital camp, covering diverse computer science topics and accommodating various skill levels.
- Managed a team of instructors and support staff, providing guidance to create a positive learning atmosphere.
- Orchestrated the entire week's schedule, managed logistics, and coordinated resources to ensure a smooth and organized camp experience.

Jr Software Developer at IBM, Halifax, NS

September 2021 — June 2022

- Received training on RedHat, Kubernetes, Open-Source Software, and other internal IBM tools.
- Acted as a front-end developer for the public-facing website of the client.

Computer Science Grade 7&8 Teacher and IT Administrator at Académie de la Capitale, Ottawa, ON

April 2019 — September 2020

- Configured and maintained Linux computers, managed multiple user accounts, and provided beneficial technical assistance to students and other faculty
- Guided and ensured student success with their knowledge about computer hardware and the Python Programming language

 **Education**

Bachelor of Education, University of Windsor, Windsor, ON

September 2023 — May 2025

Bachelor of Computer Science, Acadia University, Wolfville, NS

September 2017 — May 2021

- Graduated on the Dean’s list with a **GPA** of 4.1 / 4.3

 **Extra-Curricular Activities**

Primary/Junior Representative at The Windsor Education Society, Windsor, ON

September 2023 — May 2024

- Advocate for effective and inclusive primary/junior education through curriculum development and collaboration with students and faculty as well as fostered connections between The Windsor Education Society, primary/junior education students, and the community by organizing and helping run events.

President at Acadia Computer Science Society (ACSS), Wolfville, NS

June 2019 — May 2021

- Led all society activities such as organizing and hosting community events (both online and in-person) for the CS Society and the larger university student body. Events included things like job fairs, tech seminars, group activities, and promoting external coding competitions, as well as managed the hiring of all positions in the Society for the year – this included assessing applications, conducting interviews, and reaching a group consensus on hiring decisions.

Skills

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| <ul style="list-style-type: none">• Leadership• Strong Communication• Multi-tasking• Open Mindedness | <ul style="list-style-type: none">• Computer Architecture• Software Development• Web Development• Music Composition | <ul style="list-style-type: none">• Python• Java• NodeJS• C++ |
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Hobbies

- Hockey
- Piano
- Guitar
- Weightlifting