**Adrian A. Charles**

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**EDUCATION**

**Queen’s University Kingston, Ontario**

*B.A.S in Computer Engineering Expected Graduation, May 2026*

* **Related Coursework:** Data Structures & Algorithms, Computer Organization & Programming, Object-Oriented Programming, Logic for Computer Science.

**EXPERIENCE**

**GE Vernova Peterborough, Ontario**

*Engineering Intern May 2024 – Aug 2024*

* Developed PHP script to speed up creation of common reports used at GE Vernova.
* The script was implemented onto a website using HTML/CSS so that engineers at GE Vernova could use it to create reports.
* During this term, I was able to address any bugs and add features to the websites I developed during my first term at GE Vernova.

**GE Vernova Peterborough, Ontario**

*Engineering Intern May 2023 – Aug 2023*

* Worked on the development of two websites with other engineers and interns.
* Using PHP, mySQL, JavaScript, HTML and CSS, we were able to create a working customer service dashboard and a Document locator tool.
* Worked alongside several professional Engineers to further understand the engineering world and enhance my knowledge of the field.

**Queen's University - Faculty of Engineering and Applied Science Kingston, Ontario**

*Teaching Assistant - Intro to Computer Programming Sept 2023 – Dec 2023*

* Worked as a part time Intro to Computer Programming teaching assistant, helped first year engineering students learn basics in C programming, marked assignments and fixed errors within student’s code.
* Helped refresh my C programming skills, improved my knowledge in C programming and was my first experience of work during a university semester helping me improve my time management skills.

**Accurex Inc Peterborough, Ontario**

*Construction Landscaper June 2022 – Aug 2022*

* Managed newly landscaped land next to a construction site. While ensuring onsite safety as utmost priority, working with other laborers while regulating human traffic around the site, as the project site was located near a daycare center.
* Working alongside other laborers helped develop leadership and communication skills, teamwork to ensure the safety of others.

**PROJECTS**

**BIKE SAFETY WEBSITE PROJECT Kingston, Ontario**

*Developer Jan 2023 – Apr 2023*

* On a team of engineers working for a client, with the goal of creating a website that will improve bicycle safety on the roads.
* Programmed a functional website using past programming experiences in CSS, HTML, and Java Script. Gained experience using github and working collaboratively on the code.

**Virtual Piano Kingston, Ontario**

*Developer October 2024*

* Developed a virtual piano website, with mapping to keys and a volume slider. This website uses HTML/CSS and JavaScript for piano functionality.

**SKILLS**

**Programming:** HTML, CSS, C, PHP, Javascript, Java, SQL

**Tools:** Github, Eclipse, VS Code, MyPHP, Pycharm