

Anthony Nadeau

Student Computer Engineer, Programming Educator, and Software Developer.

Greater Montreal Area
(450) - 517 - 2737
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SKILLS

- C++, Java, C#, php, Python, SQL, HTML, CSS, JavaScript - OOP and DOP
- React, Angular, Flutter/Dart, REST API usage and development.
- Firebase Development suite, Git, MS365, AWS Quicksight, ChatGPT
- General IT; Hardware and software diagnostic, troubleshooting, and repair (Proficient with Windows, Linux, and MacOS)
- Networking; Design, configuration, maintenance
- Design and implementation of basic IoT systems using established practices and technologies (MQTT, RFID, WiFi, Bluetooth)
- System design and development with SBCs (Arduino, RPi, Adafruit)
- Fullstack game development with Unity; Design, documentation, asset collection and creation, implementation, and QA testing.
- 3D modelling and 3D printing

EXPERIENCE RELATED TO THE FIELD

Riverside School Board, Montreal— *Programming Teacher*

SEPTEMBER 2023 - PRESENT

- Teaching high school students python, java, and web development including topics from beginner to intermediate levels with an entirely original course structure, assignments and exam set

DriveCX, Remote— *Software and AI integration developer*

JUNE 2023 - PRESENT

- Redesigning and developing an existing system into a proper MVC architecture in php, integrating ChatGPT to provide AI generated insights and AWS QuickSight to create visualisations of computed data
- Development with React.js framework to further develop a web app for connecting two people in a retail setting with backend connections to the Company API and features
- Expansion of a retail app for Team Collaboration built with the Angular Front-end framework, with an API backend
- Technical Consulting with regards to best practices in a SAAS development setting

AWARDS

Academic Honour Roll every year throughout high school.

Dean's Honour Role graduate in CEGEP

LANGUAGES

English - Spoken and written

French - Spoken and written

PORTFOLIO

Github:
github.com/Buhbah6

LinkedIn:
linkedin.com/in/dev-anthony-nadeau/

Website:
tonytheengineer.ca

Debian Contributor since August 2023

Vanier FLOSS Club Organizer and Collaborator since January 2022

REFERENCES

Available upon request

Hydro-Quebec, Montreal — *Software Development Intern*

JANUARY 2023 - MAY 2023

- Developing features in an existing MVC architecture to take analytical data and predictive calculations for the province's electrical consumption and present and utilise that data in various ways
- Extensive use of the Python programming language and various libraries such as matplotlib, pandas, pillow, plotly and tkinter

John Abbott College, Montreal — *Video Game Database Developer*

DECEMBER 2022 - MAY 2023

- Designing a no-sql cloud database and completing integration of the database into a game using the unity game engine
- Connecting various parts of the game to the database and ensuring security and clarity in data being stored

Independent Tutoring, Montreal — *Computer Science Tutor*

JANUARY 2022 - AUGUST 2022

- Tutoring computer science topics both independently and with the tutoring and academic success centre at Vanier college (TASC)
- Topics included programming, database creation and manipulation, computer hardware, and basic game and app development (Greenfoot (Java), .NET, Android)

Staples Canada, Sorel-Tracy — *Computer Technician*

JULY 2018 - JULY 2022

- In-store computer technician
- Doing computer diagnostics and repairs
- Configured and installed software and operating systems
- Tech consultations to aid customers with technical issues with their devices

EDUCATION**Concordia University, Montreal — BEng, *Computer Engineering***

SEPTEMBER 2023 - PRESENT

4 Year Bachelor's of Engineering specialized in Computer Engineering plus one year of extended credit program for prerequisites in progress.

Vanier College, Montreal — *Computer Science Technical DCS*

AUGUST 2020 - JULY 2023

Technical Diploma of College Studies in Computer Science Technology. Graduated with an R-Score of 31 and Dean's honours.

