

Education

Bachelor of Engineering, Software Engineering (Co-op)
Concordia University – Montreal, QC.

Expected Grad: May 2025

Courses: Data Structures and Algorithms, Object-Oriented programming, Web Applications, Software Processes

DEC, Health Sciences (Vanier College)

2021-2022

High School, Robotics (**3-year Robotics Program** – Regina Assumpta)

2017-2021

Constructed and programmed various Arduino robots as part of the 3-year robotics program (**Arduino, C++**).

Experience

Desjardins – Montreal, QC.

May 2023 – Aug 2023

Incoming Front End Developer Intern

Haivision – Montreal, QC.

Sept 2022 – Dec 2022

React Front End Developer Intern

- Built advanced React components for UI library, as part of a collaborative **Design System**, for ensuring theme consistency across apps and cutting Web developers' development times. (**ReactJs, TypeScript**).
- Presented proposals and components demos to engineering and UI/UX team in weekly Stand-up meetings, as a means of **gathering requirements**.
- Thoroughly **tested** and **documented** each component for developers' ease of use. (**Storybook, MDX, Jest, ESLint**)

Other Work Experience

- Pharmacy Technician (2016 – 2020): Entered prescriptions into Assyst RX and solved customer issues/conflicts.
- CHUM Hospital Volunteer (2019): Reported patient concerns, wheelchair transportation, support to patients.

Projects

NFT Smart Contract Web App – [Website](#) • [Github](#)

- Built full-stack app for programmatic generation of NFTs and deployment of Smart Contracts, receiving **1406 unique visitors** and **28 NFT project creations**. (**HTML/CSS, JQuery, JavaScript**)
- Implemented a marketplace system which uses **CRUD** operations for NFT trading (**PHP, MySQL, JSON**).
- Developed Smart Contracts for ERC-721 NFT collections and buying/selling functionalities (**Solidity, Truffle**)

AndyCV.com – Web Portfolio – [Website](#)

- Personal Website to neatly display projects and accomplishments with various advanced front-end UI designs.
- Included features such as styling tab, cropping images, overlay tutorials, and hover tilt mouse effect.

Other Projects

- **BrownieThebAlr** – GPT3 Bear AI Chatbot Web App utilizing OpenAI API with mouse tracking UI - [Website](#) • [Github](#)
- **Python Investment Bot** – Script utilizing Binance API to split user's BTC into an index of n cryptos - [Github](#)
- **ML Voice Cloning** – Prepared Datasets and trained ML model Tacotron2 to clone Fallout 4 Cait's voice - [Demo](#)

Programming Skills: Java, JavaScript/TypeScript, Python, C#, C++, PHP, SQL.

Other: Git, ReactJS, HTML, CSS, Bootstrap, Jest, MongoDB, REST APIs (.net/C#), MDX, Solidity, Jira, Bitbucket.

Soft Skills: Leadership, Analytical Thinker, Problem Solving and Troubleshooting skills.

Interests: Playing guitar since age of 6, Web Development, Blockchain, Web Scraping, Muay Thai.