

EDUCATION

Concordia University

Bachelor of Science in Computer Science

Montreal, Quebec

September 2022 - Present

Relevant Coursework

- Machine Learning, Artificial Intelligence, Data Communications & Computer Networks, Operating Systems, Databases, Advanced Programming with C++, and Web Programming.

Activities: *Google Developer Student Clubs (GDSC)*

RELATED EXPERIENCE

Opal-RT Technologies

Full Stack Developer Intern

Montreal, Quebec

February – August 2022

- Engineered** a React.js & Django web app for efficient indexing, reducing manual data entry errors.
- Built** a Django-based CMDB with advanced search, enhancing filtering efficiency and user engagement while improving content management by **40%**.
- Participated** in Agile sprints and stand-ups, delivering **10+ key features** on time and boosting app performance by **20%** through client feedback.
- Assisted** in deploying the web architecture on MS Azure, ensuring security, cost efficiency, and scalability.

PROJECTS

VRODA | *Angular TypeScript, Java, Docker, MySQL, Spring Boot, Selenium - E2E - Integrations Tests*

- Built** a dockerized e-commerce application with load balancing, PayPal integration, and multi-language support.
- Achieved 95% test coverage** on key components, ensuring reliability and minimizing production bugs.

CIFAR-10 Classifier | *PyTorch, NumPy, Pandas, Matplotlib*

- Analyzed** CIFAR-10 classification using Naive Bayes, Decision Tree, MLP, and CNN with preprocessing, feature extraction, and performance evaluation.

My A-EYE | *React.js, Flask, Tailwind, Open AI, Whisper AI*

- Developed** a verbal virtual assistant to assist visually impaired individuals in understanding their surroundings.

DrooVE | *Node.js, JavaScript, Tailwind*

Hackathon Winner: “**Best Beginner Project**”, CodeJam12

- Built** an itinerary optimization system for truck drivers using Google Maps APIs to suggest rest stops based on route and sleep requirements.

Medis | *React.js, Django, MySQL*

- Developed** an integrated healthcare management system and infectious disease tracker with real-time alerts and scheduling tools to keep staff, patients, and families informed and safe across facilities.

Dungeons & Dragons | *C++, Doxygen*

- Developed a D&D terminal game engine encompassing fighter classes, ability scores, enchanted weapons, NPC enemies, progress saving and loading, campaign and map builder, and combat mode.

TECHNICAL SKILLS

- Programming Languages:** Java, Python, Typescript, Javascript, C#, C++, PHP, Arduino, Bash, SQL, C
- Operating Systems:** Windows 10+, MacOS, Linux (Ubuntu & RasbianOS), Unix
- Database:** SQL Server, MySQL, Oracle, Firebase, PhpMyAdmin
- Software:** VS Code, Jira, Confluence, Android, MS Office, Docker, VM, Git Bash, IntelliJ, Eclipse, Pycharm