

Vatsa Shah

Montréal, Canada | [LinkedIn](#) | [Github](#) | [Email](#)

EDUCATION

Concordia University

Bachelor of Computer Science, General Program Co-Op

Montréal, Canada

September 2019 - December 2023

- Relevant Coursework: Data Structures & Algorithm, Databases, Operating Systems, Object Oriented Programming, Web Development, AI, ML, Computer Vision and Information Retrieval & Web Search.

WORK EXPERIENCE

UNO Platform

Software Developer

Montréal, Canada

September 2023 - Present

- Developed the Single Project feature of Uno Platform, creating a unified project that targets multiple platforms (iOS, Android, macOS, Windows, WebAssembly, Linux), streamlining development and maintenance process for cross-platform applications.
- Improved the navigation of Uno apps by optimizing the routing logic, resulting in improved performance and user experience.
- Collaborated with cross-functional teams to ensure seamless integration of new features and bug fixes.

Microsoft

Software Developer Intern

Montréal, Canada

May 2023 - August 2023

- Developed a GPT utterance generator.
- Implemented both frontend and backend functionalities, including dynamic filtering and sorting of the results.
- Designed and developed a system to automatically adjust filtering options based on user input files.
- Created a Python script to convert .xlsx files to .trsX files for user downloads.
- Reduced the project runtime by 35%.

UNO Platform

Software Developer Intern

Montréal, Canada

Jan 2023 - April 2023

- Led the team of interns to build TubePlayer - a fully functional YouTube app rebuilt on Xamarin and optimized for performance and user experience.
- Developed app's video playback feature, including integration with the YouTube Data API to retrieve and display videos.
- Implemented the search functionality with filters and developed the loading, error, and empty search pages.

Nventive

Mobile App Developer Intern

Montréal, Canada

May 2022 - August 2022

- Contributed to the development of the MoreRewards cross-platform application in .NET (C#) and XAML (Xamarin).
- Designed and created the Home Page, the Offers Page and the Maps.
- Implemented custom animations and transitions to flex containers and forms.

HackConcordia

President

Montréal, Canada

February 2022 - January 2023

- Led a team of 35 students to organize the 2nd largest hackathon of Canada - [ConUHacks VII](#), with 800+ Participants from 97 universities/schools, 149 Projects, 50+ Judges and 28 Sponsors.
- Generated revenue of \$100,000+ from Sponsorships and expanded the Social Media audience by 225% over the span of 1 year.
- Oversaw executive leadership, employee training, media relations, and implemented ambitious business strategies to drive growth, productivity and financial stability of the organization.

Event Desk

Full Stack Web Developer Intern

Montréal, Canada

January 2022 - May 2022

- Built localized cross-platform Web application for leasing [event spaces](#) by using the MERNG Stack (MongoDB, Express, ReactJS, NodeJS and GraphQL) and React-Native.
- Designed and created the User Login page and the Venue Management page.
- Built and integrated GraphQL based API's and NodeJS microservices.
- Maintained and improved the DevOps pipelines to build and deploy the applications to AWS Cloud.

PROJECTS

[Emotion Sentiment Analysis](#)
[Spotify Explicitness Predictor](#)
[BeastFit](#)

[Web Crawler](#)
[Rush Hour Game](#)
[Dropout in Neural Networks](#)

[HFESTS Application](#)
[ETERNITY](#)
[Movie App](#)

PROGRAMMING SKILLS

Languages: Python, Java, C#, C, TypeScript, HTML/CSS, PHP, XAML

Frameworks/Databases/Technologies: .NET, React, NodeJS, Docker, React-Native, MongoDB, MySQL, GraphQL, Uno Platform

Other Tools: Git, LaTeX, Postman, Vercel/Heroku/Netlify