

Vivek Wadhvani

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🎓 Education

Lassonde School of Engineering - York University,

2018 – 2023 | Toronto, Canada

Spec. Hons. B.Sc, Computer Science

GPA - 7.25/9.00

Relevant Coursework: Data Structures and Algorithms, Advanced Object-Oriented Programming, Intro to Database Systems, Software Design & Operating System Fundamentals

Technion - Israel Institute of Technology,

May 2019 | Tel Aviv, Israel

International Startup Entrepreneurship

Selected among a group of eighteen students who embarked on a journey of self-development in the startup nation. By the end, our team had pitched to VC's gaining invaluable experience that validated our interests in entrepreneurship.

💼 Experience

Software Engineering Intern, The BMS Lab - University of Twente (NL)

Sep 2020 – present | Enschede, Netherlands

- Enhanced developer productivity up to five times by implementing a continuous deployment pipeline via GitLab & Docker-Compose onto the university's Azure service and Linux servers.
- Established a standardized template structure used by more than four projects, introducing new technologies such as Vue, React, Typescript, Tailwind and, MongoDB.
- Architected a full-stack application in Node managing audio files and integrated the IBM speech to text & natural language understanding API, resulting in a 60% user growth.
- Developed a robust and monitored Node backend service for an esports tournament system with an OCR service in Python used by six companies and 80+ members.

Backend Engineer, Dr Car

Aug 2020 – Feb 2021 | Toronto, Canada

- Operated on a startup with a team of six, reinventing how car owners book, service, and track car repairs.
- Designed, built, and deployed the back-end service for the product based on a Node.js GraphQL API using Apollo and Express as the server and MongoDB as the NoSQL data layer.

ML Research Assistant, Lassonde Undergraduate Research - York University

May 2020 – Aug 2020 | Toronto, Canada

- Programmed a machine learning model predicting fraudulent credit-card transactions based on skewed large-scale datasets.
- Leveraged pandas, sci-kit learn and libsvm in Python to generate a binary classification model capable of up to 97% accuracy while being highly scalable.

📁 Projects

Review Lassonde, (Flutter, Firebase, Selenium)

Enabled students to review previously attended courses with a cross-platform application while successfully scraping 500+ courses metadata from the university's platform.

Portfolio, (Nuxt.js, Tailwind)

Redesigned the personal portfolio with Tailwind and Vue3 to learn more about the latest design techniques being employed by frameworks such as Nuxt.js or Next.js

Open Source Contributions, (Vue, GitHub)

Merged two pull requests and opened multiple issues for various component frameworks such as Chakra & Buefy to promote growth and welcomed as a proud member of the respective opensource communities.

🏆 Leadership

Lassonde Student Government, Vice President of Finance

2018 – 2020

Coordinated monthly informative networking sessions with students inviting industry leaders from companies like RBC and Scotiabank. Headed organization for large-scale events with more than 500 students such as Elle Hacks and Hult Prize.

🧠 Skills

Languages (JavaScript, TypeScript, Python, Java, C, SQL, HTML, CSS),

Technologies (React, React Native, Vue, Linux, Ubuntu, Azure, Docker, IBM Watson, Vim, MongoDB, Postgres, GitLab, GitHub)