Vivek Wadhwani

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🎓 Education

Lassonde School of Engineering - York University,　　　　　　　　　　2018 – 2023 │ Toronto, Canada
Spec. Hons. B.Sc, Computer Science
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 Developer, Amplify - RBC　　　　　　　　　　　　　　May 2022 – present │ Toronto, Canada
- Selected for the coveted intensive **summer innovation program** at the largest financial institution in Canada. Working in a cross-functional team to redefine future of self-directed early-stage investing at the Royal Bank of Canada.

Software Engineering Intern, The BMS Lab - University Of Twente　　　　Sep 2020 – Apr 2022 │ 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
- 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
- Leveraged pandas, sci-kit learn and libvsm in Python to generate a binary classification a model predicting fraudulent credit-card transactions 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)