Vivek Wadhwani

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🧠 Skills

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

Technologies
Git, React, React Native, Vue, MongoDB, Postgres, Docker, IBM Watson, Linux Vim, OpenShift, Helios

🎓 Education

Lassonde School of Engineering - York University,   2018 – 2023 | 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 | 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

ML Software Engineering Intern, Borealis AI 🔗   Sep 2022 – present | Canada

Software Developer Intern, Amplify - RBC 🔗   May 2022 – Aug 2022 | Canada
- Won the best **Business Value** Award among 18 teams as we were able to develop measurable value at scale to RBC, its clients and its communities all in a 4 month cycle.
- Built a **first-of-its kind** linkage between Direct Investing and Online Banking that enables clients to explore personalized opportunities based on their spending patterns, utilizing pre-existing technological foundations at the bank.
- Selected for a 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 CD pipeline via GitLab & Docker onto the university's Azure services and Linux servers.
- Architected a full-stack application in Vue & Express managing audio files and integrated the IBM Watson NLP API. Developed an Express & MongoDB backend service for an esports tournament system used by 80+ members.

ML Research Assistant,   May 2020 – Aug 2020 | Canada
Lassonde Undergraduate Research - York University 🔗
- 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 members such as Elle Hacks and Hult Prize.