

Juan-Miguel Advincula

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EDUCATION

York University, Lassonde School of Engineering

BA Specialized Honours in Computer Science (Software Development Stream)

Toronto, ON

Sep 2024 – Present

EXPERIENCE

AI & Full-Stack Developer (Incoming)

Aug 2025 – Present

PharmShift

Toronto, ON

- Build and integrate user-facing features including multilingual support, user profiles, and a free case submission system using **React.js** and **Node.js**
- Develop frontend-backend integrations for AI-powered OSCE exam preparation simulations, ensuring smooth data flow and responsive performance
- Collaborate on deployment and infrastructure management (GCP), delivering scalable, accessible, and affordable clinical scenario practice tools

Sales Team Lead

Mar 2024 – Aug 2025

Canada's Wonderland

Vaughan, ON

- Led a team by assigning tasks, supporting associates, and fostering a positive work environment
- Trained and developed staff while ensuring compliance with cleanliness, visual presentation, and policy standards
- Supervised staffing levels, created attendance sheets, and monitored stock levels
- Resolved guest concerns courteously and collaborated effectively with colleagues and supervisors

Data Entry Clerk

Apr 2025 – May 2025

Elections Canada, Toronto-St. Paul's

Toronto, ON

- Maintaining accurate voter registration data by entering and verifying into secure databases under tight deadlines
- Handled confidential electoral information with discretion while following Elections Canada's protocols
- Collaboration with colleagues to ensure all documents and data are accurate and executed

PROJECTS

LockedIn | *Next.js, TailwindCSS, TypeScript, PostgreSQL, NeonDB, DrizzleORM*

- A full-stack student productivity dashboard that manages student assignments with a synced calendar, schedule courses, and track progress
- Features includes user authentication, customizable widgets and data storage with **PostgreSQL + DrizzleORM** and designed with Next.js and **TailwindCSS** for a modern UI

YULearn [3rd Place WINNER] | *Next.js, TailwindCSS, TypeScript, PostgreSQL, NeonDB, Clerk*

- **3rd Place Winner** at the **Lassonde BEST Startup Experience 2025**, with \$600 cash prize
- Built an AI-powered platform designed to bridge the gap between academia and industry expectations for CS and SWE students
- Provides personalized, industry-relevant content to help students prepare for real-world roles, focusing on practical skills missing in traditional coursework

Eh-conomy | *Next.js, TailwindCSS, TypeScript, JavaScript, Node.js, Firebase, Django*

- Built a full-stack Canadian tariff app that finds nearby local markets, farms and organic products at **Hack Canada 2025** within 36 hours
- Includes a Google Maps API that fetches market and product information from user search that also uses Firebase and Django

TECHNICAL SKILLS

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

Libraries/Frameworks: ReactJS, NextJS, NodeJS, PostgreSQL, MongoDB, ExpressJS, TailwindCSS, Langchain, Ollama

Developer Tools: Git, Prisma, DrizzleORM, VSCode, NeonDB, Vite