Jia Xuan Li

Computer Science Student & Software Engineer

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EDUCATION

Vanier College — August 2021 - Present (TBO: May 2024)
Computer Science Technology, DEC — *Montreal, Canada*

- Comp. Sci. Avg: **97.7%** — Math. Avg: **99.8%** — R-Score: **35.0**
- Relevant Coursework: Web Programming, Web Services, Networks, Databases, Data Structures, Sys. Development

EXPERIENCE

Software Developer Intern — Jan. 2024 – Present
NDT Technologies — *Montreal, Canada*

- Contribute to the development of **8 web dashboards** with **PHP**, **MySQL**, **HTML**, **CSS**, and **JavaScript**.
- Reduce database query times by up to **99.96%** by **optimizing** queries through analysis.
- Update **C++** applications making use of **TCP sockets** to communicate with network devices.
- Revamp legacy systems to address common vulnerabilities of **4 projects** through upgrades and patches.

TECHNICAL SKILLS

Languages: Python Node.JS (JavaScript & TypeScript), Java, SQL, Rust, C#, C++
Front-end: React.JS, Bootstrap, Tailwind CSS, Socket.IO
Back-end: Flask, PHP, Express, Nest.JS
Databases: MySQL, PostgreSQL, MongoDB
Tooling: Git, Docker, Jest, JUnit, GitHub Actions, Codeception, Fossil
Additional: Figma, Responsive Design, VMWare, IP Networking

PROJECTS

SaaS Small Business | *Lua, TypeScript, React, NestJS, PostgreSQL, Docker* — June 2020 – September 2023

- Developed **front-end**, **back-end**, and **CI/CD** pipelines for my SaaS business.
- Generate nearly **$100,000** in revenue and brought **8,000** users, before successfully selling the business.
- Integrated **Stripe** for automatic payments and licensing through a Discord Bot.

Portfolio 2024 | *React, TypeScript, Tailwind CSS* — April 2024

- Developed a **mobile-first responsive** webpage serving as my portfolio.
- Integrates 2D and 3D elements to create an immersive experience.

Crimes API | *PHP, MySQL* — September 2023 – December 2023

- Developed a **RESTful API** to provide crime data for Los Angeles
- Implemented **JWT** for authentication and authorization
- Follows the MVC pattern and adheres to RESTful principles.

AWARDS & COMPETITIONS

McGill RoboHacks - Winner
March 2023

Concordia WarHacks - Winner
February 2023

CAMPUS INVOLVEMENT

Vanier Robotics 2024 | *React, Three.JS* — February 2024 - March 2024

- Developed and modeled the immersive 3D welcome page of Vanier Robotics's 2024 website