Jia Xuan Li

Software Engineer

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EDUCATION

Concordia University   **May 2027**

Bachelor's Degree in Computer Science   *GPA: 4.0*

Vanier College   **May 2024**

Associate's Degree in Computer Science   *R Score: 35.0*

- Comp. Sci. Average: **97.7%** | Math. Average: **99.8%**
- Relevant Coursework: Web Programming, Web Services, Advanced Networking, Databases, Systems Development

EXPERIENCE

Software Developer Intern   **Jan 2024 - May 2024**

NDT Technologies   *Montreal, Canada*

- Improved user experience by **40%** by developing new features on **9** production web dashboards using modern-style PHP.
- Decreased page load times from **20** to **0.5** seconds through intense back-end analysis and refactoring.
- Reduced database query times by **99.96%** through analysis and optimized SQL queries, enhancing system performance.
- Addressed security vulnerabilities in **7** legacy systems through strategic Apache and MySQL service upgrades.

SKILLS

Languages: JavaScript, TypeScript, Python, Java, SQL, Lua, Rust, C#, C++

Frontend: HTML, CSS, React.JS, Next.JS, Svelte, Bootstrap, Tailwind CSS

Backend: Flask, PHP, Express, Nest.JS

Databases: MySQL, PostgreSQL, MongoDB

Development Tools: Git, Docker, GitHub Actions, Jest

PROJECTS

Portfolio Website | *React, TypeScript, Tailwind CSS, Three.JS*   **Apr 2024 - May 2024**

Source Link   Demo Link

- Enabled SEO optimization and Google Analytics tracking, leading to a **40%** increase in organic search traffic.
- Achieved a perfect score of **100%** on Google Lighthouse by creating a responsive and performant website.
- Increased retention by **200%** by designing a 3D website with ThreeJS for a unique and immersive user experience.

Vanier Schedule Builder | *React, TypeScript, Tailwind CSS, Rust*   **Jan 2023 - Mar 2023**

Source Link   Demo Link

- Increased time efficiency by **70%** by engineering a schedule builder that automatically generates conflict-free schedules.
- Reached a flawless **100%** user satisfaction score, reflecting its outstanding usability and reliability.
- Reduced user error by **90%** by implementing real-time validation and error handling.