ADELINE LUE SANG

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EDUCATION

University of Western Ontario — **Exp Apr 2028**
Honours Specialization in Computer Science (BSc)
Ivey Business School Advanced Entry Opportunity (AEO), Honours Business Administration (HBA)
4.0/4.0 GPA, Western Scholarship of Distinction ($3,500)

PROJECTS

TD StairClimb Leaderboard App - Full Stack Charity Website — **Oct 2024**
- Developed a leaderboard application for **700+** participants of the **TD StairClimb campaign**, delivered the project within a **one month timeframe**.
- Oversaw the **UI/UX** of the application, wireframing the initial design using **Figma** and developing the front-end using **React TypeScript**.
- **Collaborated with co-developers, project managers, and stakeholders** to ensure the alignment of technical execution with campaign goals.

GooseGains - AI Running Coach — **Sept 2024**
- Programmed a **mobile speed-tracking application**, using **real time AI-coaching** to enhance runners' performance.
- Designed intuitive user interface with **Figma** and implemented the front-end with **React Native** and **Expo**, ensuring seamless and intuitive user experience.

Credibility - AI Research Assistant — **Aug 2024**
- Wireframed and developed a **web-based research tool**, leveraging **LLMs** and **key metrics** to assess website credibility within an **accelerated three-day timeline**.
- Built responsive and user-friendly interfaces using **HTML** and **Tailwind CSS**, enhancing accessibility and engagement.

WORK EXPERIENCE

Software Engineer Intern — **May 2025 - Present**
Savi Finance
- **Led front-end development** of Savi Finance's "Runway" feature using **React** and **TypeScript**, transforming Figma designs into production-ready UI, utilizing Node.js tooling to manage builds and development workflows in a large-scale codebase.
- **Built scalable user-facing features** in a startup environment, contributing to front-end architecture and collaborating via **Git/GitHub**.
- **Designed and evaluated AI email parsers**, creating **JSON schemas** and utilizing HTML inputs to **assess LLM extraction accuracy** and edge case handling.

Business Continuity Summer Analyst — **Jul - Aug 2024**
Chaitons LLP
- Spearheaded the development of **Business Continuity Plan** frameworks, fortifying operational resilience across general and specialized departments.
- Engineered targeted questionnaires and facilitated virtual meetings to uncover departmental vulnerabilities, **driving data-backed risk mitigation strategies.**
- Drafted and refined comprehensive continuity plans by synthesizing research findings into **actionable strategies** for emergency **mitigation and adaptive** recovery.

LEADERSHIP EXPERIENCE

Director of Education — **Sep 2024 - Present**
Western Founders Network
- Collaborated with team members to **plan and execute** educational events and exam review sessions attended by **150+ students**

Platform Developer — **Jan 2025 - Present**
Ignition Hacks
- Collaborated with co-developers and product managers to design and implement the official landing page for hackers, using technologies such as **React** and **Tailwind CSS**
- Contributed to early-stage **planning** and **decision-making** for the event, helping to coordinate logistics and shape participant experience

KEY SKILLS

Programming Languages: Java, Python, HTML, CSS, JavaScript, SQL, C
Technologies: React, React Native, Express.js, Node.js, Tailwind CSS, Expo, REST APIs
Other Skills: Jira, Command-line Interface, Figma, Adobe Acrobat, Excel, PowerPoint, Canva