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)

KEY SKILLS

Programming Languages: Python, JavaScript/Typescript, Java, HTML, CSS, SQL
Technologies: Angular, React, Flask, Express.js, Node.js, Tailwind CSS, Expo, REST APIs
Tools: Jira, Confluence, Git/Github, Command-line Interface, Figma, Excel, PowerPoint

WORK EXPERIENCE

Software Engineering Consultant Intern **Jul 2025 - Present**
BrainRidge Consulting
- Partnered with clients and a **20+ member cross-functional team** to identify workflow inefficiencies, propose tailored solutions, and implement them in code within an **Agile** environment.
- Designed and developed **15+ responsive UI screens and reusable Angular components** for an AI-powered platform leveraging LLMs and AI agents, implementing advanced validation, error handling, and custom theming to improve usability and maintainability.
- Maintained **GitHub** version control through code reviews, conflict resolutions, and pull requests, and maintained **Confluence** documentation to ensure codebase clarity and alignment of the team.

Software Engineer Intern **Apr - Jun 2025**
Savi Finance
- Directed the front-end development of Savi Finance's "Runway" feature using **React** and **TypeScript**, transforming Figma designs into production-ready UI, and integrating with backend services via **Node.js**-powered APIs.
- Designed and evaluated **AI email parsers**, creating **JSON schemas** and utilizing HTML inputs to assess the accuracy of LLM extraction and the handling of edges.
- Delivered platform enhancements that supported a **12% increase in new users** during a rapid growth phase, helping the app surpass 1,700 total users by June 2025.

PROJECTS

Western Sales Club - Fullstack Application **Apr 2025**
- Oversaw the front-end development of Western Sales Club's public website and private admin dashboard using **React.js** and **Tailwind CSS**, implementing responsive UI screens, intuitive page routing, and reusable components to ensure a seamless user experience.
- Collaborated with designers and back-end developers to integrate **REST API endpoints** (Flask + GCP Cloud SQL), enabling dynamic content management for events, team members, and sponsors.

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, wireframe the initial design using **Figma** and developing the front-end using **React TypeScript**.

Credibility - AI Research Assistant **Aug 2024**
- Wireframed and developed a **web-based research tool** that uses **LLMs** and key metrics to evaluate website credibility and present findings in a clear, user-friendly format.
- Built reactive, accessible and user-friendly interfaces using **HTML5** and **Tailwind CSS**, ensuring cross-browser compatibility and optimized performance between devices.

LEADERSHIP EXPERIENCE

Director of Education **Sep 2024 - Apr 2025**
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 **200+ hackers**, using technologies such as **React** and **Tailwind CSS**
- Contributed to early-stage **planning** and **decision-making** for the event, coordinating logistics and shaping participant experience