

Léo Mindlin

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EDUCATION

McGill University

Bachelor of Engineering, Co-op in Software Engineering

Montreal, QC

Aug 2024 – May 2028

- **Relevant Coursework:** Algorithms and Data Structures, Discrete Structures, Model Based Programming (Java), Fundamentals of Software Development (Java)

Santa Monica College

Dual Enrollment With High School

Santa Monica, CA

Jun 2020 – Dec 2023

- Cumulative GPA 3.9/4.0
- **Relevant Coursework:** C/C++ Programming, Assembly Programming, AP Computer Science A (Java), Digital Design Tools
- **Awards:** Renaissance Legacy Award (Santa Monica High School, 2024), AP Scholar with Distinction (2024)

WORK EXPERIENCE

Freelance Web Development

TellAVision Agency

Jan 2024 – Present

Santa Monica, CA

- Implemented a brand new marketing website for the advertising talent agency TellAVision Agency.
- Imagined a new design with visual and technical improvements focused on improving user retention.
- Rewrote image loading on the website, yielding a 4x speed improvement in page loading.
- Built a custom admin dashboard allowing for easy, client-driven updates and a significant workflow improvement.

TECHNICAL EXPERIENCE

Ground Station GUI Team Member

McGill Rocket Team

Sep 2024 – Present

Montreal, QC

- Worked with a team of developers to develop a custom GUI solution for monitoring and commanding a rocket.
- Facilitated inter-team communications to ensure that the application was covering all stakeholder requirements.
- Strategized and authored a custom GUI framework written in React.js, allowing for other team members to contribute easily.
- Collaborated with back-end teams to coordinate functionality for the flight control software.
- Managed a custom Docker stack to allow for easy deployment of GUI services on-site.

Volunteer Web Development

Santa Monica-Malibu Unified School District

Dec 2023 – Apr 2024

Santa Monica, CA

- Worked with school officials to create a custom event ticketing solution in order to avoid costly ticketing services.
- Ensured the system had 100% uptime and reliability during events of 2000+ attendees.
- Estimated to have earned the school district ~\$10,000 in additional nonprofit revenue with the use of a custom system.
- Integrated the event tickets with modern interaction methods such as email, Apple Wallet, and Google Wallet for ease of use.

TECHNICAL SKILLS

- **Programming Languages:** Swift, TypeScript, JavaScript, C/C++, HTML/CSS, Java
- **Libraries/Technologies:** React/Next.js/React-Router, Astro, Svelte/SvelteKit, Tailwind CSS, Git, UNIX, Docker, NeoVim, YAMCS Mission Control, Apple Wallet, UIKit, SwiftUI

LEADERSHIP EXPERIENCE

Swim Coach, Water Safety Instructor, and Lifeguard

Crossroads School for Arts & Sciences

Dec 2021 – Aug 2024

Santa Monica, CA

- Coached a group of swimmers of 10-12 years old 3 times per week, writing original workouts for each practice.
- Helped students develop their personal identity, swimming technique, and physical ability.
- Certified in Swim Coaching, First Aid, CPR, and Lifeguarding by the American Red Cross