

Micah Yutao Mei

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EDUCATION

Western University

London, ON, Canada

BSc & AEO, Computer Science and Ivey Business (GPA: 3.95/4.0)

Sep. 2024 – Apr. 2028

- **Awards:** Western Dean's Honour List, Western Scholarship of Distinction
- **Coursework:** Data Structures and Algorithms, Software Tools and Systems Programming, Data Science Concepts, Applied Logic for Computer Science, Accounting and Business Analysis, Principles of Microeconomics

EXPERIENCE

Technical Project Management Intern

May 2025 – Aug. 2025

AE&E Geomicrobial Technologies Inc.

Beijing, China

- Accelerated project alignment for a decade-old platform redesign by bridging the gap between executive vision and engineering constraints through initial user research and high-fidelity Figma prototypes.
- Streamlined the development lifecycle, successfully reducing a complex 50-page sitemap into 15 strategic user journeys, by drafting structured PRDs and user flows.
- Ensured the timely delivery of a responsive Next.js web application by tracking project KPIs and collaborating closely with engineering and ops teams.

Product Growth Strategist

Nov. 2024 – Apr. 2025

GD Hub Smart Trading Group

Vancouver, BC, Canada

- Scaled personalized client outreach capacity by 3x and reduced content turnaround time by 40% by leading the end-to-end development of an automated AI-avatar workflow.
- Secured executive buy-in for new AI features by analyzing A/B testing engagement data and building a functional prototype using Synthesia to validate cost-efficient automation strategies.

First/Second-Year Representative

Sep. 2024 – Apr. 2025

Tech for Social Impact (TSI)

London, ON, Canada

- Spearheaded B2B market research and digital needs analyses to identify SMEs constrained by legacy infrastructure, generating targeted lead lists and quantifying the operational benefits of modernizing their platforms with React and Node.js.

PROJECTS

Shelfie (Smart Pantry Tracker) | Swift, iOS, Product Strategy

2026

- Engineered a native iOS application as sole developer (Swift) to mitigate food waste, implementing a cloud-synced digital inventory with proactive expiry push notifications.
- Developed automated meal planning logic and designed frictionless item logging flows to reduce manual overhead and overcome cold-start user adoption barriers.

Hand Gesture System Controller | Python, OpenCV, MediaPipe

2026

- Built a real-time computer-vision pipeline using OpenCV and MediaPipe to detect hand landmarks, mapping stable poses to OS actions (media controls, app switcher) via PyAutoGUI and pynput.
- Implemented a custom gesture recognizer from 2D landmark geometry, integrating hold and cooldown logic to prevent duplicate triggers alongside robust macOS permission handling.

The Antifragile Portfolio (Barbell Strategy Simulator) | Python, Streamlit, pandas

2026

- Built an interactive quantitative backtesting app using Python/Streamlit to simulate Taleb's barbell strategy, featuring a resilient yfinance data pipeline and visual analytics comparing drawdowns against 60/40 benchmarks.

Dropshipping Venture & E-Commerce Storefront | E-commerce, GTM Strategy

2025

- Directed end-to-end storefront operations and logistics for a viral cultural trend, leveraging TikTok/Reels marketing to generate 2M views and optimizing the full UI/UX journey to maximize seasonal revenue.

SKILLS

Product & Design: PRDs, User Research, A/B Testing, KPIs, Agile/Scrum, GTM, Figma, Framer, Sketch

Programming & Tech: Swift, Python (pandas), Java, C/C++, Go, JS/TS, HTML/CSS, Prolog, React, Node.js

Languages & Other: English (Native), Mandarin (Native), US Work Authorized (No Sponsorship Required)