

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

Research Assistant

May 2026 – Present

Ivey Business School

London, ON, Canada

- Executed entity resolution and data reconciliation between PitchBook financial records and Revelio Labs datasets to ensure high-fidelity inputs for academic research.
- Audited algorithmic data matches across complex 1:1 and N:M linkages, identifying and resolving edge cases involving fuzzy-match contamination and organizational granularity mismatches.
- Analyzed corporate structures, MA histories, and subsidiary hierarchies to accurately map parent venture capital firms to their targeted investment funds.

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.

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.

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)