

Marcelo Chaman Mallqui

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Education & Awards

Queen's University | Honours Bachelor of Commerce and Computer Science April 2025

- 3.85/4.00 GPA | **Coursework:** Intro to Computer Science I and II, Discrete Math I and II, Calculus I
- **Champion for Digital Product Management Masters Program**, working to bring Product to the undergrad level

Canada's Top Student by Scotiabank 2022

Product Management Certification by BrainStation August 2022

Technical Skills

Languages & Technologies: Python, Javascript, Typescript, HTML/CSS, SQL, Postgres, AWS, Figma

Frameworks: React.js, Next.js, Node.js, Flask, Express.js, Tailwind CSS

Professional Experience

Software Engineer & Product Designer | CallSmart AI April 2023 – October 2023
Toronto, ON

Next.js, Typescript, Tailwind, Python, Postgres & Figma

- Capturing up to ~\$100 000 in potential revenue annually for **4 dental practices** by increasing booking rate
- Led design & development of an **AI-based communication system** that capture patient appointment details & converts them into actionable tickets for office administrators through human-like text conversations
- Designed and developed an **analytics dashboard minimizing API calls by 54%**, using Tremor UI library

AI Research Analyst & Developer | Recalc Academy June 2023 – August 2023
San Francisco, CA

Python (Flask), Zapier

- Developed internal automation tools and systems using Python (Flask) & Zapier **saving ~\$4k monthly**
- Led market research and product analysis on AI solutions in the finance industry, **presenting directly to CEO**

Co-Founder & Software Engineer | Memoria AI (memoria.live) April 2023 – July 2023
San Francisco, CA

React.js, Node.js, Tailwind, Postgres, Mixpanel & Figma

- Spearheaded the **UI/UX design and frontend development** of an AI-journaling tool that auto-transcribes voice-journals and enables users to interact with their journals through a chat interface using **Deepgram and OpenAI**
- Led data-driven product roadmap and marketing initiatives to achieve **881 monthly active users**

Founder & Full-Stack Software Engineer | EchoDMs June 2023 – August 2023
Toronto, ON

Next.js, Tailwind, Postgres, Python (Flask) & Slack

- Designed and implemented a single-command Slack messaging tool used by **550 weekly active users** that allows businesses to send mass personalized DMs to **500+ users at once**
- Implemented **caching mechanisms to minimize API calls by 30%**, ensuring **sub-3 second response time** and developed integrated testing plans

Leadership and Extracurriculars

Managing Director | QMIND February 2023 – Present

- Managing Canada's largest undergraduate AI organization with **250 members, 40 AI research, and applied AI consulting teams**, a tech editorial with over 2,600 hours of read time, and an AWS-backed product incubator
- Spearheading product, marketing (**46% follower increase**), and finance (**\$100K+ budget**) portfolios
- Founded QMIND School of AI, 8-week summer program to democratize AI education for **170 enrolled students**.
- Leading team of 6 through the **UX/UI design & full-stack** development of our **AI project portal**, using agile methodologies, and UX design thinking processes

President | Canadian Undergraduate Conference on AI February 2023 – Present

- Spearheading a **320 delegate, 2-day conference** featuring speakers and sponsors (**\$70K+ in funding**) from industry-leading companies such as **Microsoft, Amazon, Cohere**, RBC, Accenture, and Deloitte
- Leading **team of 12** across finance, marketing (**50% follower increase**), sponsorships, logistics & sales portfolios

International Consulting Competitor | QCCU February 2023 – Present

- **1 of 20 competitors** (from 2200 students) representing Queen's University at **international consulting competitions**

Head of Technology | HeadStart Fellowship September 2023 – January 2024

- Leading tech mentorship at a **300 person fellowship** with fellows from Uber, Google, Goldman Sachs and more

Additional Information

Hackathons/Competitions & Programs: Queen's Inter-Collegiate Business Competition (1st), BI International Case Competition, Y-Combinator Start-Up School, QHACKS, Hack the 6ix, inQubate Startup Pitch (1st)

Current Project: Creating a model for autonomous driving using Reinforcement Learning & AWS (DeepRacer)

Interests: Peruvian Cuisine, Writing & Reading Essays, Fashion Design, Photography, Star Wars, Superheroes