

Marcelo Chaman Mallqui

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EDUCATION

Queen's University – Smith School of Business

Bachelor of Commerce (Honours)

Kingston, ON

Class of 2026

- **Academics:** Cumulative GPA: 4.13/4.30 | **Awards:** Canada's Top Student by Scotiabank (2022)
- **Courses:** Analytics and Artificial Intelligence for Business (A+), Intro to Computer Science II (A+), Discrete Math II (A+)

TECHNICAL SKILLS

Languages & Technologies: Python, Javascript, Typescript, HTML/CSS, SQL, PostgreSQL, AWS, Figma, Heroku, Git

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

PROFESSIONAL EXPERIENCE

Tread Technologies Inc.

Incoming Software Engineer Intern

Toronto, ON (Remote)

May 2024 - August 2024

CallSmart AI

Contract Software Engineering and Product Designer

Toronto, ON (Remote)

April 2023 - October 2023

- Capturing up to ~\$100 000 in potential revenue annually for **5 dental practices** by increasing booking rate on potentially lost clients
- Led design & development (**Next.js, Flask**) of proof-of-concept **AI communication system** that captures patient appointment details through human-like text conversations and converts them into actionable tickets for office administrators, replacing receptionists
- Led software design and development for analytics dashboard, improving API call efficiency by 54% and substantially reducing unit costs

Recalc Academy

AI Research Analyst and Developer Intern

San Francisco, CA (Remote)

Summer 2023

- Developed internal automation tools and systems using **Python (Flask)** & Zapier saving ~\$4k monthly in operational costs
- Led market research and **product analysis on 23 AI products**/solutions in the finance and data industry, presenting directly to CEO
- Implemented caching mechanisms to **minimize API calls by 30%, ensuring sub-3 second response time**

EXTRACURRICULAR EXPERIENCE

Canadian Undergraduate Conference on AI | Student-Run AI Conference

President

Kingston, ON

January 2023- March 2024

- Spearheaded a **340 delegate, 2-day conference** featuring speakers and sponsors (**\$80K+** in funding) from industry-leading companies such as OpenAI, AWS, Cohere, RBC, Intel, IBM and Wealthsimple
- Leading **team of 12** across finance, marketing, sponsorships, logistics & sales portfolios to achieve **50% follower growth (YoY)**, **108,300 impression** and **34% delegate application increase (YoY)** with a 50% smaller team

QMIND | Student-Run AI Consultancy & AI Research

President

Kingston, ON

January 2023- March 2024

- Managed 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, an AWS-backed product incubator
- Founded QMIND School of AI, an 8-week summer program to democratize AI education for 170 enrolled students across Canada

Queen's Case Competition Union

Competitor

Kingston, ON

January 2023- Present

- Selected as 1 of 20 students (from 2200) to represent Queen's University in national and international case competitions
- **Awards:** 1st Intercollegiate Business Case Competition (Queen's), 3rd place at BI International Case Competition (Norway)

PROJECTS

Memoria | AI Voice-Journaling Tool

React.js, Node.js, Express.js, GPT-3.5, Tailwind CSS, PostgreSQL, Heroku

- Spearheaded the frontend development for a journaling tool that transcribes voice memos and enables users to query past journals through a chat interface
- Reached 880 users in 12 weeks working in a team of 4 with 2 ex-Google PMs as a part of a competition funded by a16z and Y-Combinator

EchoDMs | Slack App

Next.js, Flask, GPT-3.5, Tailwind CSS, PostgreSQL, Heroku

- Single-command Slack tool that sends mass personalized DMs to 500+ users at once, sold to 4 fellowships and scaled to 550 users

QMIND Design Team Portal (Product Design Case Study): Digital gallery of AI research papers easily understood by non-technical readers

EasyRecipe (UX/UI Design Case Study): Gen-Z-focused mobile app simplifying cooking with intuitive recipe saving, organizing, and sharing

ADDITIONAL INFORMATION

- Led tech mentorship at a 300-person fellowship with fellows from Uber, Google, Apple, Goldman Sachs, JP Morgan and more (2023-2024)
- Scaled highly targeted social media platforms to 50k followers, selling \$22K in advertising placement to entertainment companies at 18
- Designed, directed, and produced marketing material (photo/video) for FujiFilm, Footlocker, Adidas, Henessey, and StockX projects at 17