Marcelo Chaman Mallqui

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TECHNICAL SKILLS

Languages & Technologies: Python, Javascript, Typescript, HTML/CSS, SQL, PostgreSQL, AWS, Figma, Heroku, Git, Redis
Frameworks: React.js, Next.js, Node.js, Flask, Express.js, Ruby on Rails, Tailwind CSS, Jest, Zod

PROFESSIONAL EXPERIENCE

Tread Technologies Inc.   Toronto, ON (Remote)
Software Engineer Intern   *May 2024 - August 2024*
- 16-week full-stack engineering internship, developing the web platform for a Series A transportation management Saas company
- Reported directly to the CEO and VP of Engineering, leading LLM integration projects using React with TypeScript, Postgres/Redis, Ruby on Rails with OpenAPI specifications, Datadog, GPT-4 and Docker

Workman (Startup)   San Francisco, CA (Remote)
Product Engineer   *May 2024 - August 2024*
- First engineering hire, spearheading the product design and full-stack development, focusing on automating manual data entry from invoices into bookkeeping software for the construction industry with LLMs and OCR with Next.js, PostgreSQL and AWS

CallSmart AI   Toronto, ON (Remote)
Contract Software Engineering and Product Designer   *April 2023 - October 2023*
- Capturing up to **~$100 000** in revenue annually for **5 dental practices** by increasing conversion rate on otherwise lost clients
- Led the design & development of a communication system for dental clinics that automates missed call management by capturing appointment details through human-like text conversations, and converts details into actionable tickets for office administrators

Recalc Academy   Austin, TX (Remote)
AI Research Analyst and Developer Intern   *June 2023- August 2023*
- Developed internal automation tools and systems with Python (Flask) and Zapier that **saved ~$2k monthly** in operational costs
- Led market research and **product analysis on 23 AI products**/solutions in the finance and data industry and reported directly to the CEO

PROJECTS

Conference Management Platform (CUCAI)   Next.js, Typescript, Tailwind CSS, Jest, PostgreSQL, Supabase, Zod, Figma, Vercel
- Designed and developed a platform that facilitates the application, payment hotel selection & tracking process for delegates, and enables admins to manage applicants, ticketing, and admission process to **decrease time spent by 85%** for administrative tasks related to admissions
- Went through full database design process, unit testing process, created 26 React components, and implemented several context providers

Memoria | AI Voice-Journaling Tool   React.js, Node.js, Express.js, GPT-3.5, Tailwind CSS, PostgreSQL, Heroku, Figma, Vercel
- Led frontend and design of a journaling tool that transcribes voice memos and enables users to query past entries 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

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

EXTRACURRICULAR EXPERIENCE

Canadian Undergraduate Conference on AI | Student-Run AI Conference   Kingston, ON
President   *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
- Led **team of 12** across finance, marketing, sponsorships & logistics portfolios to achieve **50% follower growth**, **108,300 impression** and **34% delegate application increase** with a 50% smaller team

QMIND | Student-Run AI Consultancy & AI Research   Kingston, ON
President   *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

EDUCATION

Queen's University – Smith School of Business   Kingston, ON
Bachelor of Commerce (Honours)   *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+)

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