

## SUMMARY

High-agency technical founder with a B.Sc. in Computer Science who has shipped production AI systems in regulated environments end-to-end. Built and deployed a HIPAA-compliant medical coding web app, iterated with user feedback, and secured clinic partnerships. Strong in full-stack development, system design, and taking products from zero to production.

## PROFESSIONAL EXPERIENCE

### Oxkair | Co-Founder, CTO

May. 2025 – Present

- Designed and built a HIPAA-compliant **AI medical coding web app** end-to-end in **under 1 month** (TypeScript, Postgres, Azure).
- Built an **agentic workflow** with retrieval tools, achieving over 90% CPT identification accuracy on 500+ operative notes.
- Implemented **authentication** and role-based access control and access controls within private Azure VNets.
- Optimized the system for practical clinical use, reducing processing time to **~30 seconds** and iterating based on user feedback.
- Led product storytelling and investor materials; ran user interviews and market testing to refine ICP and positioning.

### The Solar Broker | Account Executive

Feb. 2024 – Jul. 2024

- Closed 3 deals** end-to-end with **~\$25K average ACV** and 1–5 week sales cycles (prospecting, discovery, negotiation, close).
- Managed post-sale execution and vendor coordination; reduced delivery timelines by **40%** with high customer satisfaction.
- Built a **personalized outbound pipeline** with **30% response rate** and **15% qualified-meeting rate**, iterating targeting and messaging based on conversion.

### The Neuro (Montreal Neurological Institute) | Undergraduate Research Assistant

Jan. 2025 – May. 2025

- Analyzed 130+** patient scans (30,000+ features each) with **MATLAB** and **Python** for in-depth **statistical analysis**.
- Reduced manual processing time by 50%** by **automating data preprocessing pipelines**, enhancing the reproducibility of results.
- Prepared and delivered project presentations with **30 lab members** to translate complex findings into clear, data-driven insights.

### Cobalt Alternative Investment | Machine Learning Engineer

Apr. 2023 – Sep. 2023

- Designed and implemented an automated swing trading system with a **multi-node cloud server infrastructure**.
- Built the system with **real-time data ingestion**, **ML processing** pipelines, model retraining, and **system surveillance** alerts.
- Improved trading performance by 12%** through ML model testing with **feature engineering**, **hyperparameter tuning** (Python).
- Analyzed 10,000+ time-series data points**, reducing market noise and improving signal extraction.

### Pioneer Series | Host

Feb. 2025 – Aug. 2025

- Built and hosted interview series; secured **~20 CEO/founder** guests through personalized **outreach, research, and follow-up**.
- Ran structured interviews and synthesized insights for an audience; strengthened executive communication.

### McGill Pharmaceutical Career Student Network | VP External Relations

Sep. 2022 – May 2025

- Secured multiple 4-figure strategic partnerships** with global pharmaceutical companies and nurtured relationships.
- Organized multiple **networking events** for **500+ members** and **industry professionals** in pharma, biotech, and healthcare.

## EDUCATION

### McGill University

Montreal, Canada

*Bachelor of Science (B.Sc.) - Computer Science, Minor in Biotechnology (3.82/4.00 GPA)*

Aug 2021 – May 2025

Relevant Courses: Artificial Intelligence, Machine Learning, Software Design, Operating Systems (OS), Algorithms and Data Structures, Computational Biology, Web Development, Ethics of AI, Probability, Linear Algebra

## SKILLS

- Engineering**: Full-stack web development, backend APIs, system design, data modeling, agentic workflows, prompt/eval iteration, testing, debugging, performance, observability basics.
- Product**: Rapid prototyping, UX for clarity, user feedback loops, writing specs, prioritization, shipping under constraints.
- Infrastructure**: Cloud deployments (Azure / AWS), CI/CD basics, Linux/Unix, monitoring/logging basics.
- Tools**: Git/GitHub, Next.js, SQL (MySQL/Postgres), MongoDB, Supabase, Azure services, Salesforce/HubSpot
- Data/ML**: Python, Pandas, NumPy, scikit-learn, evaluation and data pipelines.
- Languages**: French (native), English (fluent), Spanish (proficient).