

Vivi VO

Design Engineer

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EDUCATION

University of Calgary, 3rd Year Bachelor of Computer Science | Calgary, Alberta Sep. 2023 – Jan. 2027

- GPA: 3.9/4.0 (Dean's list 2023-2025), awarded Jason Lang scholarship
- Highlighted courses: Introduction to Software Engineering, Computer Networks, Database Management

EMPLOYMENT EXPERIENCE

Finta, *Design Engineer* / San Francisco, CA May – Aug 2026

- Shipped Finta's first AI product 0 → 1 as sole design engineer in a team of two: an embedded chat that answers accounting questions in plain language and runs categorization, cleanup, and transaction uploads.
- Launched a reusable chat layer on every screen at three sizes (launcher, sidebar, full screen), scoped from user interviews and daily dogfooding.
- Migrated the frontend from Embedded Ruby and Turbo to Inertia and React, killing a full re-render that rebuilt each message ~20 times per response while persisting scroll and per-chat state.
- Owned the design system, interactions, and end-to-end UX across surfaces, replacing a third-party tool with native bulk categorization and uploads.

PROJECTS

Bob the Builder (Design Meetup Makeathon 2026) Website, GitHub

- Turned IKEA flat-pack manuals into rotatable, zoomable, step-by-step 3D assembly guides — mobile-ready and live inside a 3-hour makeathon.
- Engineered an agentic build pipeline that fanned source PDFs out to per-step subagents across parallel git worktrees with consistent design patterns and accessibility.

Blink, Product Designer Figma

- Designed complete user interface and brand identity for a \$50m valuation stealth startup using Figma, including wireframes, homepage, payment processing flows, transfer history, login page, logo, and colour scheme.
- Created an intuitive payment flow optimized for conversion and clarity from login to transaction completion.

Schedule Builder Case Study, GitHub

- Redesigned the University of Calgary course schedule builder, collapsing prerequisites, seat availability, professor ratings, and descriptions into scannable colour-coded cards.
- Prototyped every interaction as a clickable build in Claude Code, usability-tested with students, and refined components and spacing in code.
- Visualized the full prerequisite chain and linked each section to RateMyProfessors inline, cutting the cross-site searching a semester plan used to require.

Cerebro (CalgaryHacks 2024) GitHub

- Won the AI/ML prize for Cerebro, a CLIP-style Vision Transformer for wildlife image retrieval.
- Trained ViT-B-32 from scratch on 3M image-text pairs and built FAISS similarity search over 150k+ images for real-time nearest-neighbor retrieval.

GDPR Data Export Visualizer GitHub

- Built a Streamlit data visualizer integrating Discord and iMessage exports via Pandas and Plotly to display user, message, and emoji frequencies.
- Reverse engineered and parsed the internal iMessage database; normalized word frequency against a Zipf distribution to surface anomalous word and letter usage.

VOLUNTEER EXPERIENCE

University of Calgary Badminton Club, Vice President | Calgary, Alberta Dec. 2023 – Present

- Organized 5 tournaments of 200 participants each, including sponsorships, collaborations, resource distribution, advertising timelines, and communications, each under a month.
- Doubled social media engagement through content and design improvements in Canva.

TECHNICAL SKILLS

Languages and Frameworks: JavaScript, TypeScript, Python, Java, Rust, React, Next.js, Node.js, Inertia, Ruby on Rails, HTML, CSS, MySQL

Tools and Platforms: Git, Vercel, Figma, Canva