

XINYING TU

Vancouver, BC, Canada | +1-778-885-5268 | xinyingtu@outlook.com | [LinkedIn](#) | [GitHub](#)

SUMMARY

AI Product Builder passionate about designing human-centered AI experiences and rapidly turning ideas into working products using AI coding tools. Enjoys exploring AI-native interaction, agent systems, and product design that makes complex technology accessible to everyone. Experienced in taking products from research and interaction design to implementation, deployment, and real user validation.

EDUCATION

University of British Columbia (UBC)

Bachelor of Arts in Computer Science — GPA: 86/100, Dean's List

Vancouver, Canada

Sep 2024 – Present

Relevant Coursework: Human-Computer Interaction, Computer Systems, Software Construction, Probability, Data Science, Models of Computation, Linear Algebra

TECHNICAL PROJECTS

JobFit AI — AI Career Copilot

Jun 2026 – Present

Independent Builder

React, FastAPI, Claude API, Railway, Vercel

- Designed, built, and shipped an AI-powered career copilot from idea to production as a solo builder, growing it from launch to real users through rapid iteration and creator-led marketing (100+ rednote stars within 12 hours), validating demand beyond a portfolio demo.
- Designed a conversational AI interface allowing users to explore internship and job opportunities naturally through chat instead of traditional search forms.
- Designed a dual-scoring recommendation system separating qualification fit from personal career preference, improving transparency and explainability in AI-assisted recommendations.
- Rapidly iterated and shipped features using Claude Code as an AI coding partner for implementation, debugging, and pre-deployment validation.

Mini Claude Code — Educational AI Coding Agent (In Progress)

Jul 2026 – Present

Independent Builder

Python, LLM, AI Agents

- Building an educational implementation of Claude Code from first principles to understand how modern AI coding agents are architected, rather than simply replicating existing products.
- Designed a modular agent architecture featuring an Agent Loop, Tool Registry, Context Management, Provider Adapters, and provider-agnostic internal protocols, applying dependency inversion and protocol abstraction for extensibility.
- Documented architecture decisions through Architecture Decision Records (ADRs), emphasizing engineering reasoning alongside implementation.

VoiceSaver — AI Voice Negotiation Agent

Jul 2026

Hack-Nation AI Hackathon

Python, FastAPI, React, OpenAI, ElevenLabs

- Built an end-to-end AI voice negotiation system that autonomously collects service quotes, negotiates with providers, and ranks offers through a unified Closing Ledger.
- Designed a voice-first workflow combining structured intake, real-time negotiation, and transparent decision summaries, with modular agent tools for document vision intake, benchmark comparison, and negotiation memory.
- Rapidly prototyped and shipped a functional product within a 24-hour hackathon using AI coding tools and modern web technologies.

"BeThere" — A Social App Prototype for Gen Z

Sep 2025 – Dec 2025

Product Designer & Researcher · People's Choice Award (Supervisor: Prof. Dongwook Yoon)

Figma, Design Thinking, User Research

- Led end-to-end product discovery for a 12-week HCI project, conducting surveys and semi-structured interviews with 24 participants to identify unmet social connection needs among Gen Z students.
- Designed a high-fidelity interactive prototype from scratch in Figma, developing a reusable component-based design system and iterating through multiple rounds of usability testing.
- Translated research findings into product strategy, interaction flows, information architecture, and visual interface decisions while collaborating within a six-person cross-functional team.
- Awarded People's Choice Award among class projects for the overall product concept and prototype experience.

LEADERSHIP & COMMUNITY

GirlsMath4Tech

Volunteer

- Mentored students through technology education initiatives encouraging participation in STEM.
- Assisted in organizing workshops introducing programming and AI concepts to younger learners.

SKILLS

AI & Agent Systems: Claude Code, Codex, Claude API, OpenAI API, LLM Applications, AI Agents, Prompt Engineering, Structured Outputs, Tool Calling, Context Management

Product & Design: Interaction Design, User Research, Information Architecture, Design Systems, Rapid Prototyping, Figma, Usability Testing

Engineering: React, TypeScript, JavaScript, FastAPI, Python, REST APIs, Git, Railway, Vercel, Linux

Languages: Python, Java, C/C++, SQL, JavaScript