

ZHI M. HUANG

AI Application Developer | Educator

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Educator with 17 years of classroom experience who taught himself to build and ship web apps using Claude Code. Built 21 apps in 12 months — 20 deployed to production — serving international students, churches, and communities. Trilingual in English, Mandarin, and Cantonese. Combines a teacher's instinct for clarity with hands-on AI-assisted development.

TECHNICAL SKILLS

- Claude Code / Claude API
- Next.js, Node.js
- Cloudflare Pages, Wrangler CLI
- Responsive design, WCAG accessibility
- PWA development
- HTML, CSS, JavaScript, TypeScript
- Git, GitHub
- Leaflet / OpenStreetMap
- SEO (JSON-LD, Open Graph, sitemaps)
- Bilingual i18n (EN/中文)

AI APPLICATION DEVELOPMENT

21 apps built and shipped with Claude Code · 20 deployed to production · 2025–2026

Career Ready

careerready.pages.dev

Next.js · Claude API · Bilingual EN/中文

- Built 8 job prep modules (self-assessment, resumes, interviews, job search, offer negotiation, contact tracking) with Claude API and bilingual EN/中文 switching

CareNavigatorCA

care-navigator.pages.dev

HTML/JS · Accessibility-focused · 100+ programs database

- Created a 5-step eligibility quiz matching Californians with disabilities to 100+ government programs; screen-reader tested and keyboard-navigable

QiMa (起碼) — Claude Code Tutorial

claude-code-launch.pages.dev

HTML/JS · 14-day curriculum · Bilingual EN/中文

- Wrote a 14-day tutorial (zero to shipped prototype) with 45+ command glossary, bilingual in English and Mandarin

LuoJiao (落脚) — Cultural Map

github.com/Joshli316/LuoJiao

Leaflet + OpenStreetMap · Bilingual · Curated LA locations

- Built an interactive map for Chinese students arriving in LA — restaurants, libraries, churches, and services in Mandarin and English

Also shipped: AgentPath, Prayer Journal (PWA), Home Ready, Missionary Launchpad, DW Comic, Welcome Hub, Get It Done, and 6 more — all on [GitHub](#).

EXPERIENCE

Prototyping Engineer

2026

Frontier Commons Innovation Lab

ESL / Kindergarten Teacher

2008 – 2025

SMIC Private School · Shanghai, China

- Taught multilingual classrooms (K–8, 20–25 students) and developed bilingual lesson plans for English Language Learners
- Led adoption of Google Classroom, Canvas, SMART Boards, and Nearpod for interactive, paperless instruction
- Ran restorative justice circles and goal-setting sessions, improving classroom culture and student engagement

Substitute Teacher

2001 – 2008

Montebello and Alhambra Unified, and Garvey School District · CA

EDUCATION & CREDENTIALS

M.S. Multidisciplinary Studies

SUNY Buffalo State University · 2014

B.A. English Literature

University of California, Irvine · 2000

CA Clear Single Subject Credential

University of California, Irvine

CA Clear Multiple Subject Credential

University of California, Irvine

Languages: English (native) · Mandarin 普通话 (fluent) · Cantonese 粤语 (fluent)