

IKER HUANG

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SUMMARY

Second-year Computer Science Specialist at the University of Toronto who ships production backends for paying clients - API design and relational schema through deployment, testing, and live incident debugging - in TypeScript, Python, and Java. Seeking a Software Engineering internship.

EDUCATION

University of Toronto, Toronto, ON

Expected May 2028

Bachelor of Science, Computer Science Specialist - International Merit Admission Award

Coursework: Data Structures and Algorithms, Software Design, Object-Oriented Programming (Java), Systems Programming (C), Computer Organization, Discrete Mathematics

EXPERIENCE

Software Engineer (Contract), Import and Logistics Client, Remote

Jul 2026 - Present

- Shipped a multi-currency bookkeeping service (USD, RMB, VES) now used daily in production by non-technical staff.
- Built it on Cloudflare Workers, Hono, and TypeScript, with D1 (SQLite) as system of record, versioned schema migrations, and R2 for document archival.
- Designed a two-way sync between the database and the team's existing spreadsheet workflow, resolving concurrent-edit conflicts to prevent data loss.
- Gate every deploy on a Vitest suite run against the Workers runtime; own secrets, staging config, and rollout through the Wrangler CLI.
- Debug live production issues against real financial data and support the client through rollout and training.

Co-Founder and Technical Lead, TheoryY, Remote

May 2024 - Present

- Own architecture, deployment, and production operations for every product the studio ships.
- Shipped the product site on Next.js (App Router, React 19) and Tailwind CSS to the Cloudflare edge via OpenNext.
- Built internal Python tooling against live third-party data APIs (SEC EDGAR, FRED).
- Run a multi-repository TypeScript and Python codebase on GitHub with pull-request review, issue tracking, and roadmapping.

Founder and Infrastructure Engineer, Sinapsis, Remote

Jun 2026 - Present

- Deployed a self-hosted ERP platform (ERPNext v15, Docker Compose) behind a Cloudflare Tunnel with zero open inbound ports and automated TLS.
- Cut server provisioning from a multi-hour manual setup to one idempotent Bash script covering database, reverse proxy, backups, and alerting.

PROJECTS

Tuxie's Wiki, Project Lead

May 2024 - Present

- Lead a community documentation site publishing 20+ Linux guides on VuePress and Vue; 10+ GitHub stars.
- Coordinate outside contributors through GitHub issue tracking, task assignment, and pull-request review.

Tizcord, Developer

2025

- Terminal-based chat platform written entirely in C: socket programming and manual memory management.

What2Cook, Software Developer

Nov 2025 - Dec 2025

- Team Java project integrating REST APIs with local caching and error handling; layered architecture under pull-request-per-commit review.

SKILLS

Languages: TypeScript, JavaScript, Python, Java, C, SQL, Bash

Backend: REST API design, Node.js, Hono, SQLite, relational schema design, database migrations, caching, webhooks

Frontend: React, Next.js (App Router), Tailwind CSS, Vue

Cloud and DevOps: Cloudflare Workers, D1, R2, Docker, Docker Compose, CI/CD, Linux server administration

Testing and Tools: Vitest, JUnit, unit and integration testing, Git, GitHub, pull-request code review, debugging

Spoken: English (fluent), Mandarin (native), Spanish (professional working proficiency)

AWARDS

UofTCTF 2026 - 15th place, UofT Division | PicoCTF 2026 - 100+ challenges solved | International Merit Admission Award, University of Toronto