

David Xiao

New York, NY | 917-946-7086 | dxiao3043@gmail.com | in/david-on-linked | github.com/daveonthegit | davidx.tech

SUMMARY

Web Developer at Secco Squared building full-stack web applications, A/B-tested Next.js pages, and lead-generation flows driven by data. Fluent in TypeScript, React, Node.js, Python, Go, and C, focused on conversion, performance, and reliable delivery.

WORK EXPERIENCE

Web Developer, *Secco Squared*
New York, NY

June 2026 – Present

- Rebuilt a video site’s lead funnel, cutting recurring costs by \$1,300+ monthly while improving conversion
- Engineered A/B tests on production pages, optimizing lead-generation flows through data-driven decisions
- Delivered Next.js features and client integrations across production web projects
- Developed in-house tooling that streamlined team workflows

Software Engineer Intern, *Unadat*
New York, NY

June 2025 – August 2025

- Decomposed a legacy PHP/JavaScript monolith into modular microservices, cutting feature delivery time by 25% across 6 production releases
- Optimized 10+ REST endpoints with input validation and query batching, reducing average response time by 15%
- Shipped a reusable React component library adopted by 3 product teams, replacing duplicate modal and form implementations
- Hardened backend endpoints against SQL injection and XSS by introducing parameterized queries and centralized input sanitization

PROJECTS

KyaraFit | *TypeScript, React Native, Next.js 15, Expo, Convex, Docker*

- Architected a shared TypeScript monorepo serving a Next.js 15 web client and a React Native/Expo mobile app from one codebase
- Built offline-first persistence with SQLite and a custom Convex cloud-sync adapter, enabling full functionality without connectivity

OutfAI | *TypeScript, Next.js 15, Vitest, Playwright, Vercel*

- Designed a recommendation engine scoring outfit combinations against mood, weather, and personal style signals, with explainable rationales for each pick
- Covered the scoring pipeline with Playwright end-to-end tests and Vitest unit coverage on ranking logic, deployed to Vercel

ForgeArena | *React, TypeScript, Node.js, Express.js, Firebase, Jest, Jenkins*

- Delivered a 5-layer Express backend with Firebase Auth, Firestore persistence, and WebSocket-driven real-time leaderboard caching
- Instrumented observability with Winston and Sumo Logic across 35+ log points, reaching 95% test coverage

EDUCATION

CUNY Hunter College, *Bachelor of Arts in Computer Science — Dean’s List*
May 2026

New York, NY

SKILLS

Languages: TypeScript, JavaScript, Python, Go, C, C++, SQL, PHP, Bash

Frameworks: React, React Native, Next.js, Node.js, Express.js, FastAPI, Expo

Databases: PostgreSQL, MySQL, SQLite, Convex, Firestore (NoSQL)

Testing & DevOps: Vitest, Jest, Playwright (E2E), Docker, GitHub Actions, Jenkins, GCP, Vercel, Heroku, Linux