

Dennis (Yicheng) Wang

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EDUCATION

Northeastern University - Khoury College of Computer Science

Boston, MA

B.S. in Computer Science + Business; GPA: 3.81/4.00

Sep. 2023 – May 2027 (Expected)

- **Relevant Courses:** Object-Oriented Design, Programming Languages, Data Structures and Algorithms
- **Honors:** Dean's List

TECHNICAL SKILLS

Languages: Java, Python, TypeScript, Go

Frameworks & Libraries: React, Next.js, Express, Flask, Prisma, TypeORM, REST APIs

Dev Tools: Git, Postman, npm, AWS, Linux, Vercel, Supabase, Docker, MongoDB

TECHNICAL EXPERIENCE

Atoma Media

Irvine, CA (Remote)

Software Developer Intern

Jan. 2025 – Present

- Developed chat threading and storage using PrismaORM and Next.js serverless functions.
- Utilized React to design intuitive chat page, optimizing rendering with Next.js layout feature.
- Deployed CloudFlare Workers for scraping Yahoo Finance, Wall Street Journal, and FinViz.

Sandbox

Boston, MA

Developer

Sep. 2024 – Present

- Built degree audit scraper and API for 400+ Northeastern majors, enabling automated 4-year study plans.
- Achieved 10x faster audit validation by optimizing range requirement audit algorithm.
- Developed minor requirement scraper and frontend integration with TypeScript/Next.js

Digital Archive of Indigenous Language Persistence (DAILP)

Boston, MA

Software Engineer / Research Assistant

Sep. 2024 – May 2025

- Developed web portal for Cherokee document translation with audio/text support.
- Integrated word part and English translation editing with Rust and SQL and React.
- Refactored legacy authentication library with AWS Amplify to modernize security features.

LEADERSHIP EXPERIENCE

Sandbox

Boston, MA

Head of Developer Experience

Jan. 2025 – Present

- Created interactive curriculum for React, GitHub, and Postman for new developers.
- Reduced project onboarding time by average of 40% across 6 projects.
- Supported junior developers via pair programming sessions in weekly standups and code reviews.

PROJECTS

Green Infrastructure Boston | AWS, NestJS, React

Jan. 2025 – Apr. 2025

- Automated user account creation with DynamoDB integration and volunteer registration API.
- Implemented designer Hi-Fi Figma designs for volunteer sign-up page as functional React elements.

IssueExpress | Supabase, GitHub OAuth, Tesseract

Feb. 2025

- Used Tesseract OCR to convert chat logs and screenshots into GitHub tickets.
- Implemented frontend designs from Figma in React and requests for GitHub to create issues.

T-Error | C++, MongoDB, Express

Oct. 2024

- Built C++ shell wrapper to classify terminal errors and provide inline documentation and solutions.
- Deployed frontend error data visualization dashboard, leveraging React components from Codepen.

EquilibrNews | React, Puppeteer, Playwright

Jan. 2021 – Jan. 2024

- Launched political news platform scraping articles using Puppeteer/Playwright.
- Enabled web scraping for news websites with Vercel's serverless functions.