

Dennis (Yicheng) Wang

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Education

Northeastern University - Khoury College of Computer Science	Boston, MA
Candidate for a Bachelor of Science in Computer Science + Business	Sep. 2023 – Present
Courses: Object-Oriented Design, Programming Languages, Data Structures + Algorithms	Expected: May 2027
Honors: Dean's List; GPA : 3.81/4.00	

Technical Skills & Interests

Languages: Java, Python, TypeScript, Go
Frameworks: React, Next.js, Rest APIs, Express, Node, Flask, Prisma, TypeORM
Developer Tools: Git, Postman, npm, Amazon Web Services, Linux, Vercel, Supabase, MongoDB, Docker, VSCode

Experiences

Atoma Media	Irvine, CA (Remote)
<i>Software Developer Intern</i>	Jan. 2025 - Present
<ul style="list-style-type: none">Developed chat threading and storage using PrismaORM and Nextjs serverless functions.Utilized React to design intuitive chat page, optimizing rendering with Nextjs layout feature.Deployed CloudFlare Workers for scraping Yahoo Finance, Wall Street Journal, and FinViz.	
Sandbox	Boston, MA
<i>Developer</i>	Sep. 2024 - Present
<ul style="list-style-type: none">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 algorithms.Developed minor requirement scraper and frontend integration using TypeScript and Next.js.	
Digital Archive of Indigenous Language Persistence (DAILP)	Boston, MA
<i>Software Engineer / Research Assistant</i>	Sep. 2024 - May 2025
<ul style="list-style-type: none">Developed web portal for Cherokee document translation with audio and text support.Integrated word part and English translation editing with Rust and SQL and React.Refactored authentication system, replacing legacy auth library with AWS Amplify.	

Projects

Green Infrastructure Boston (Github) AWS, Nestjs, React	Jan. 2025 – Apr. 2025
<ul style="list-style-type: none">Automated user account creation through DynamoDB integration & volunteer registration API.Implemented designer Hi-Fi Figma designs for volunteer sign-up page as functional React elements.	
IssueExpress (Github) Supabase, GitHub OAuth, Tesseract	Jan. 2025 – Apr. 2025
<ul style="list-style-type: none">Leveraged Tesseract OCR library to turn chat logs into GitHub tickets.Implemented frontend designs from Figma in React and requests for GitHub to create issues	
T-Error (HackHarvard 2024 Best Developer Tool) C++, MongoDB, Express	Oct. 2024
<ul style="list-style-type: none">Built C++ shell wrapper to classify terminal errors and provide documentation in the terminal.Deployed frontend error data visualization dashboard, leveraging React components from Codepen.	
EquilibriNews (Github) React, Puppeteer, Playwright	Jan. 2021 – Jan. 2024
<ul style="list-style-type: none">Launched political news platform, utilizing Puppeteer and Playwright to scrape articles.Enabled scraping functionality with Vercel's serverless functions	

Todos

- Change sandbox role to fully technical
- Add issueexpress as project
- Remove interests
- Make eq news more technical
- Experiences and projects should be more technical

Sandbox <i>Developer</i>	Irvine, CA (Remote) Jan. 2025 - Present
<ul style="list-style-type: none">• Contributed to student-led Northeastern degree audit, improving algorithm speed by 10x.• Independently developed template scraper and API to streamline experience for 400+ majors.• Implemented minor web scraper and frontend support using TypeScript and Nextjs.	<ul style="list-style-type: none">•