

Dennis (Yicheng) Wang

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Professional Summary

3rd year CS + Business student at Northeastern University with 4 years of full stack development experience. Incoming DAILP Coop, took on leadership and full stack development roles in software consultancies on campus with cross-functional development teams.

Education

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

Languages & Frameworks: Java, Python, TypeScript, Rest APIs, React.js, Next.js, Express, Node.js, Flask, Twilio, Prisma, TypeORM, Go Developer Tools: Git, Postman, npm, Amazon Web Services, Linux, Vercel, Supabase, MongoDB, Docker, VSCode Interests: tennis, coaching, developer tools, real estate, finance, traveling, running, skiing, cooking	
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Experiences

Atoma Media <i>Software Developer Intern</i> <ul style="list-style-type: none">- Developed chat threading and storage system using PrismaORM and Nextjs serverless functions.- Followed React design principles to develop intuitive frontend elements and layout for the chat, optimizing rendering time by 80%.- Performed weekly feature demonstrations to executives, incorporating feedback and increasing active users by 171% in January.	Irvine, CA (Remote) Jan. 2025 – Present
Sandbox <i>Head of Developer Experience / Developer</i> <ul style="list-style-type: none">- Reduced project onboarding time by average of 40% across 6 projects through interactive curriculum for React, GitHub, and Postman.- Supported junior developers on project teams with pair programming sessions in weekly standups and code reviews.	Boston, MA Sep. 2024 – Present
Digital Archive of Indigenous Language Persistence (DAILP) <i>Software Engineer / Research Assistant</i> <ul style="list-style-type: none">- Developing web portal for linguists to translate Cherokee documents with audio and text support.- Integrated word part and English translation editing with Rust and SQL, incorporated with scalable React components.- Refactored authentication system, replacing outdated auth library with AWS Amplify.	Boston, MA Sep. 2024 – May 2025

Projects

GraduateNU (Github) React, Nextjs, TypeORM, nearly <ul style="list-style-type: none">- Contributed to student-built Northeastern degree audit platform, improving audit speed by 10x.- Independently developed plan of study scraper and API to streamline user experience for 400+ majors.	Sep. 2024 - Present
Green Infrastructure Boston (Github) AWS, Nestjs, React <ul style="list-style-type: none">- Built 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.	Jan. 2025 – Apr. 2025
T-Error (Devpost) C++, MongoDB, Express <ul style="list-style-type: none">- Built HackHarvard 2024 Best Developer Tool C++ shell wrapper to classify terminal errors and resolve debugging pain points.- Allocated tasks effectively, limiting merge conflicts to 5 instances across 99 commits.- Deployed frontend error data visualization dashboard, leveraging open source designs from Codep	Oct. 2024
EquilibriNews (Github) Playwright, Puppeteer <ul style="list-style-type: none">- Launched Nextjs news platform scraping content from 8 major publishers, reducing political bias exposure through balanced presentation.- Engineered Playwright/Puppeteer web scrapers that achieved 30% faster data retrieval than before, directly optimizing content pipeline efficiency for real-time updates.	Apr. 2022 – Jan. 2024