

# Dennis (Yicheng) Wang

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## Education

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

## Technical Skills & Interests

<b>Languages:</b> Java, Python, TypeScript, Go
<b>Frameworks &amp; Libraries:</b> React, Next.js, REST APIs, Express, Node.js, Flask, Prisma, TypeORM
<b>Dev Tools + Infrastructure:</b> Git, Postman, npm, Amazon Web Services, Linux, Vercel, Supabase, MongoDB, Docker

## Experiences

<b>Atoma Media</b>	Irvine, CA (Remote)
<i>Software Developer Intern</i>	Jan. 2025 - Present
<ul style="list-style-type: none"><li>Developed chat threading and storage using PrismaORM and Nextjs serverless functions.</li><li>Utilized React to design intuitive chat page, optimizing rendering with Nextjs layout feature.</li><li>Deployed CloudFlare Workers for scraping Yahoo Finance, Wall Street Journal, and FinViz.</li></ul>	
<b>Sandbox</b>	Boston, MA
<i>Developer</i>	Sep. 2024 - Present
<ul style="list-style-type: none"><li>Built degree audit scraper and API for 400+ Northeastern majors, enabling automated 4-year study plans.</li><li>Achieved 10x faster audit validation by optimizing range requirement audit algorithms.</li><li>Developed minor requirement scraper and frontend integration using TypeScript and Next.js.</li></ul>	
<b>Digital Archive of Indigenous Language Persistence (DAILP)</b>	Boston, MA
<i>Software Engineer / Research Assistant</i>	Sep. 2024 - May 2025
<ul style="list-style-type: none"><li>Developed web portal for Cherokee document translation with audio and text support.</li><li>Integrated word part and English translation editing with Rust and SQL and React.</li><li>Refactored legacy authentication library with AWS Amplify to modernize security features.</li></ul>	

## Projects

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