Dennis Wang

Boston, MA | Available July - December 2025 | denniswang812@gmail.com | (949) 375-1978
linkedin.com/in/denniswang812 | github.com/denniwang

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, Profit Analysis* *Expected: May 2027*
Honors: *Dean's List;* **GPA:** *3.81/4.00*

TECHNICAL SKILLS & INTERESTS

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

EXPERIENCE

Atoma Media Jan. 2025 - Present
Software Engineer Intern *(Remote) Irvine, CA*
- Delivered Atoma Luna chat threading and storage, enabling real-time financial insights for **22k requests/month.**
- Optimized web scraping algorithm with parallelism to retrieve news article content 2x faster using CloudFlare Workers.
- Presented feature demos to C-suite weekly, incorporating feedback to increase active users by **171% in January**.

Digital Archive of Indigenous Language Persistence Sep. 2024 - Present
Software Engineer *Northeastern Digital Scholarship Group, Boston, MA*
- Integrated word part modification for Cherokee words, benefiting over **2,000 fluent speakers** and 10,000-20,000 language learners.
- Collaborated with a cross-functional team of 7 members, resulting in improvement in project delivery time through effective communication in weekly check-ins.

Sandbox Sep. 2024 - Present
Head of Developer Experience *Northeastern University, Boston, MA*
- **Increased new developer productivity by 65%** with 3 onboarding workshops about React, GitHub, and Postman.
- Achieved a 80% satisfaction rate and **reduced project onboarding times by 40%** across 11 developers with interactive curriculum and facilitating setup of developer tools.
- Mentored beginner web developers with React basics during pair-progamming sessions to improve team efficiency.

PROJECTS

GraduateNU | *Northeastern degree audit website: React, Nestjs* Sep. 2024 - Present
- Spearheaded development of a React/Nestjs degree audit platform serving **1,000 monthly visitors**, achieving **10x faster requirement validation** and supporting **468 academic minors** through streamlined system integration.
- Architected cross-project API functionality for universal course data access and led expansion of minor requirement integrations, directly enhancing academic planning capabilities for **100% of users**.

Securing Safe Food | *Nonprofit pantry managment dashboard: React, Nestjs* Sep. 2024 - Jan. 2025
- Delivered pantry management interface for 30+ allergen-friendly food pantries, implementing **4 critical CRUD endpoints** with role-based authentication to safeguard sensitive nonprofit operations.
- Owned end-to-end development of **2 accessible React authentication forms** and admin tools, prioritizing usability for diverse users including pantry staff and beneficiaries.

T-Error | *Terminal error tracker: C++, Nextjs, Express.js* Oct. 2024
- Built **HackHarvard 2024 Best Developer Tool** C++ shell wrapper featuring language processing to classify **100+ terminal errors**, solving debugging pain points.
- Drove project vision as team lead – **deployed error classification dashboard in Nextjs** and managed version control to limit merge conflicts to 5 instances across 99 commits.

EquilibriNews | *Politically neutral news scraper: Nextjs, Playwright, Puppeteer* Apr. 2022 - Jan. 2024
- Launched Nextjs news platform scraping content from **8 major publishers**, reducing political bias exposure through balanced presentation algorithms.
- Engineered Playwright/Puppeteer web scrapers that achieved **30% faster data retrieval**, directly optimizing content pipeline efficiency for real-time updates.