

Yicheng (Dennis) Wang

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EDUCATION

Northeastern University

Boston, MA

Bachelor of Science in Computer Science + Business Administration, GPA: 3.78

Sept. 2023 – June 2027

Relevant Courses: Discrete Structures - A, Fundamentals of CS 1+2 - A, Financial Accounting - A

EXPERIENCE

Sandbox

Sep. 2024 - Present

Head of Developer Experience

Northeastern University, Boston, MA

- **Boosted new developer productivity by 65%** with 3 onboarding workshops about React, GitHub, and Postman.
- Reduced onboarding time by **40%** and achieved **80% satisfaction** among 11 new developers through interactive curriculum and streamlined tool setup.
- Mentored junior developers in React fundamentals using pair-programming techniques to improve team performance.

Oasis

Sep. 2024 - Dec. 2024

Technical Mentor

Northeastern University, Boston, MA

- Mentored 2 beginner teams in 25+ hack sessions over the course of a semester with strong time-management skills.
- Guided project planning, design, and implementation, maintaining a 100% developer-retention rate.
- Resolved 20+ critical blockers and addressed project management within 24 hours online with teams.

Northeastern's Young Entrepreneurs

Jan. 2024 - Apr. 2024

Web Developer

London, UK

- Increased website traffic by 50% through SEO optimization and responsive design implementation on club website.
- Integrated SquareSpace API for ticketing, resulted in a 30% increase in online event registrations.
- Collaborated with team to resolve technical challenges, improved site performance and streamlined user experience.

PROJECTS

GraduateNU [Link] | Northeastern degree audit website: React, Nextjs

Sep. 2024 - Present

- Contributed to student-built degree audit platform serving **1,000 monthly users**, delivering requirement validation **10x** faster than previous system
- Independently template plan of study scraper and API to streamline user experience for **400+ majors**

Green Infrastructure - Boston | Green infrastructure map for Boston: NestJs, AWS

Sep. 2024 - Jan. 2025

- Built automated user account creation system through DynamoDB integration with volunteer registration API
- Implemented designer Hi-Fi Figma designs for volunteer sign-up page as functional React elements.
- Completed two critical tickets outside assigned scope, ensuring project continuity during team member absence.

EquilibriNews [Link] | 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** than before, directly optimizing content pipeline efficiency for real-time updates.

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

Interests: real estate, investing, tennis, skiing, cooking, hiking, traveling, coaching, project management, entrepreneurship