Yicheng (Dennis) Wang

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EDUCATION

Northeastern University — Boston, MA
Bachelor of Science in Computer Science + Business Administration; GPA: 3.81 — *Sep. 2023 – May 2026*
Relevant Courses: Object-Oriented Design. Programming Languages, Data Structures + Algorithms

EXPERIENCE

Head of Developer Experience + Developer — Sep. 2024 - Present
Sandbox — *Northeastern University, Boston, MA*
- Performing bi-weekly PR reviews and practicing pair-programming to tackle 3 high-priority tickets per month.
- Implementing features in a degree audit application impacting 15,000+ undergraduate students' academic planning process
- Participated in sprints and weekly stand-ups in an Agile development environment to ensure efficient project delivery

Developer — Sep. 2024 - Present
Code 4 Community — *Northeastern University, Boston, MA*
- Creating solutions for Securing Safe Food, a 501(c)(3) nonprofit empowering 30+ pantries with allergen-friendly food.
- Engaging in weekly meetings and code reviews for an inventory and delivery management platform for pantries.
- Developing fundamental backend functions, ensuring user authentication when manipulating potentially sensitive data.

Software Engineer — Sep. 2024 - Present
DAILP — *NEU Digital Scholarship Group, Boston, MA*
- Work-study software developer for the Digital Archive of Indigenous Language Persistence project at Northeastern.
- Contributing to support for glossary translations of Cherokee words on web dictionary application.

Technical Mentor — Sep. 2024 - Dec. 2024
Oasis — *Northeastern University, Boston, MA*
- Mentoring 8 rookie developers in 25+ hack sessions outside of club hours, maintaining a 100% developer-retention rate
- Guiding project planning, tech stack selection, and development with strong time-management and organizational skills.
- Simplified web-dev concepts and addressed questions promptly when leading workshops for new developers.

Web Developer — Jan. 2024 - Apr. 2024
Northeastern's Young Entrepreneurs — *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 | *Sandbox* — Sep. 2024 - Present
- Developing solution for a sandbox area to allow students to experiment with placeholder courses.
- Prioritized on debugging critical frontend errors in React and adding new features to an existing codebase of over 40k files.
- Implemented a cross-project API function to fetch information about individual courses in a degree audit plan.

T-Error | *HackHarvard 2024 - Best Developer Tool* — Oct. 2024
- Managed team of 4 developers to create a centralized platform and database to modernize terminal error tracking.
- Deployed a live dashboard using Nextjs on Vercel to visualize 100+ errors from machines using our custom shell in C++.
- Exercised effective project management and responsibility division, reaching only 5 merge conflicts in 90+ commits.

EquilibriNews | *Nextjs, JavaScript, React, Playwright* — Apr. 2022 - Jan. 2024
- Developed a website to scrape news from major publishers and displayed in a way that reduced political bias
- Implemented Google's Puppeteer API and Playwright to scrape data from news websites including New York Times, Fox News, Wall Street Journal, etc.
- Consulted UPenn Master's Graduate Melissa Amaya through the Polygence platform for technical advice

TECHNICAL SKILLS

Front end: React, Nextjs, Figma, Canva, Adobe Illustrator, Tailwind CSS, Chakra-UI, Bootstrap
Back end: Java, Python, Kotlin, JavaScript, TypeScript, Nodejs, Express, NestJs, PostgreSQL, Firebase, MongoDB
Developer Tools: Git, Docker, npm, Eclipse, Vercel, Netlify, Google Cloud Platform, Amazon Web Services
Data Science + Visualization: pandas, NumPy, MATLAB, Tableau, Puppeteer, streamlit, matplotlib, Mage