Dennis (Yicheng) Wang

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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, 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, college consulting, traveling, running, skiing, cooking

Experiences

Atoma Media — Irvine, CA (Remote)
Software Developer Intern — Jan. 2025 – Present
- 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.

Sandbox — Boston, MA
Head of Developer Experience / Developer — Sep. 2024 – Present
- 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.
- Encouraging effective communication in project team in weekly standups and code reviews.

Digital Archive of Indigenous Language Persistance (DAILP) — Boston, MA
Software Engineer / Research Assistant — Sep. 2024 – May 2025
- Developing web portal for linguists to translate Cherokee documents with audio and text support.
- Integrated word part and English translation editing with Rust backend functions and scalable React components.
- Refactored authentication system, replacing outdated auth library with AWS Amplify.

Projects

GraduateNU (Github) | React, Nextjs, TypeORM, nearly — Sep. 2024 - Present
- Contributed to student-built degree audit platform serving 1,000 monthly users, delivering requirement validation 10x faster than previous system
- Independently developed template plan of study scraper and API to streamline user experience for 400+ majors

Green Infrastructure Boston (Github) | AWS, Nestjs, React — Jan. 2025 – Apr. 2025
- 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.
- Completed two critical tickets outside assigned scope, ensuring project continuity during team member absence.

T-Error (Devpost) | C++, MongoDB, Express — Oct. 2024
- Built HackHarvard 2024 Best Developer Tool C++ shell wrapper to classify 100+ terminal errors, targeting debugging pain points in team settings.
- Drove project vision as team lead – deployed error classification dashboard in Nextjs and managed task division to limit merge conflicts to 5 instances across 99 commits.

EquilibriNews (Github) | Playwright, Puppeteer — Apr. 2022 – Jan. 2024
- 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.