

David Oduneye

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EDUCATION

Northeastern University

Boston, MA

Honors Bachelor of Science in Computer Science GPA: 3.5/4.0

Expected May 2025

Coursework Computer Systems, Networks, Machine Learning 1, Algorithms & Data, Database Management

Activities Resident Assistant, Generate, Idea, Northeastern Powerlifting, NSBE, ColorStack

TECHNICAL SKILLS

Languages: Typescript, Go, Java, Python, C#, C/C++, R, Bash, SQL (MySQL, Postgres)

Tools: Git, Docker, Redis, AWS (S3, Lambda), Azure (EventHub, Storage, Functions), Pinecone, Figma

Frameworks & Libraries: TailwindCSS, React, NextJS, React Native, Angular, Express, Vue, Fiber, Qt

Machine Learning: Pandas, NumPy, spaCy, Matplotlib, Sklearn

EXPERIENCE

Stealth Startup – *Member of Technical Staff*

January 2025 – Present

Google – *Software Engineering Intern*

August 2024 – November 2024

- Developed a UI component in Google's CI tool to enable multi-architecture test visibility (ARM, x86) for thousands of developers, advancing Google's onArm initiative.
- Collaborated with cross-functional teams to design API and UI/UX documentation, integrating components into workflows to improve developer efficiency across products.
- As a side project, contributed to a critical product release on a tight deadline, supporting the team in meeting urgent project milestones.

Microsoft – *Software Engineering Intern*

May 2024 – August 2024

- Optimized a synthetic data generator tool by implementing multi-threading, and migrating it to a cloud VM environment, improving performance, scalability, and maintainability.
- Developed Tests in Production (TiPs) to continuously generate synthetic data for pipeline validation, improving fault tolerance and monitoring for job failures and latency issues.
- Built and deployed a dashboard for visualizing TiP test traces, enabling real-time monitoring and analysis across all production regions.

Generate – *Technical Lead*

July 2023 – June 2024

- Led a team of 5-10 engineers in developing an app for student clubs and events, ensuring effective communication and coordination with leadership and design teams.
- Managed over 50+ meetings to maintain project alignment and progress, utilizing Agile methodologies to deliver 4 full-stack applications on time.
- Promoted a culture of continuous learning through code reviews, optimized git workflows, and proactive communication styles, enhancing team collaboration and code quality.

PROJECTS

Student Activity Calendar – *Go, React, React Native, Redis, AWS, Postgres*

January 2024 – June 2024

- Led the development of a platform for event management and student engagement, serving over 15,000+ students with an app, website, and admin dashboards.
- Engineered a robust Go backend, a development CLI, multiple frontends, and multiple Go and npm packages to support open-source development and enhance functionality.
- Implemented caching, vector-based querying, and custom user authentication with role-based access control to optimize performance and security.
- Utilized Docker, Digital Ocean, and AWS for deployment with CI/CD, ensuring scalable and efficient application management. Integrated Redis, OpenSearch, OpenAI, and Firebase for enhanced capabilities.

Portfolio – *NextJS, Typescript, Zustand, Server Components, Firebase*

December 2023 – May 2024

- Built a responsive personal website with a focus on real-time data updates and mobile responsiveness.
- Engineered a custom CMS for efficient content management, optimizing the user experience.