

Eric Sun

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Availability: January - May 2025

EDUCATION

Northeastern University | Boston, MA Sep. 2022 – Apr. 2026
Candidate for B.S. in Computer Science with Minor in Mathematics
Honors: GPA: 4.0/4.0 | Dean's List, National Merit Scholar
Coursework: Software Development, Algorithms, Database Design, Programming in C++, Object-Oriented Design
Activities: Northeastern Electric Racing, Northeastern Dragon Boat, SASE, Photography, Unicycling

EXPERIENCE

[Capital One](#) | McLean, VA Jun. 2025 – Aug. 2025
Incoming Software Engineering Intern

[TensorDock](#) | Boston, MA Jul. 2023 – Present
Support & Operations Lead

- Led day-to-day communications between customers and developers, ensuring feedback was integrated into the product
- Developed Slack integrations with server monitoring software, reducing server issue resolution time by 90%
- Implemented Python auditing software that validated data consistency between the SQL database and over 200 servers

Product Manager of Core Cloud Jun. 2022 – Jul. 2023

- Created Python script to optimize database efficiency by removing 40k redundant records
- Coded new feature which allows injection of cloud-init scripts at deployment, boosting customer workflow efficiency

Director of Engineering Oct. 2021 – Jun. 2022

- Engineered a Bootstrap HTML web dashboard for deploying and managing GPU servers
- Built an API with documentation for modifying server resources, enhancing server flexibility and user control
- Developed a feature enabling customers to create custom balance alerts, ensuring transparency for billing

[Northeastern University](#) | Boston, MA Sep. 2023 – Dec. 2023
Teaching Assistant for CS 2500 Fundamentals of Computer Science I

- Assisted 30 students in weekly lab sessions, focusing on fundamental CS concepts such as recursion and graph traversal
- Facilitated faculty in grading student assignments, leaving constructive feedback to foster strong coding practices
- Held weekly office hours to mentor students, providing personalized support on homework and classroom concepts

[Hack3](#) | Boston, MA Jan. 2022 – Jun. 2022
Hackathon Organizer

- Added a new timeline page with events that update in real-time using JavaScript, ensuring users stay informed
- Taught an online computer science workshop for participants which involved Python, APIs, and databases

[FluidStack](#) | London, UK (Remote) Jul. 2021 – Sep. 2021
Full Stack Software Engineer

- Collaborated with three software engineers to successfully launch new cloud server products managed with Kubernetes
- Designed JavaScript search filters for servers to enhance user experience and streamline navigation

PROJECTS

[Bujava](#) | Java, JUnit, JavaFX Jun. 2023

- Developed a bullet journal application with task queues, statistics tracking, and event management
- Adhered to SOLID object-oriented design principles, ensuring that the code is scalable and maintainable
- Constructed comprehensive test suites using JUnit to verify the application's functionality and to identify potential issues

[Rate NU Dining](#) | React, Vercel, Supabase, HTML/CSS, JavaScript Jan. 2023 – Apr. 2023

- Improved Northeastern dining website by only loading necessary data for each React component, shortening load times
- Created a menu rating system utilizing React states and event handling, enabling users to make informed choices

TECHNICAL SKILLS

Languages: Java, Python, C, C++ , C#, JavaScript, TypeScript, HTML/CSS
Frameworks: Bootstrap, Flask, React, Material UI, Express, NodeJS, JUnit
Databases: PostgreSQL, MySQL, MongoDB
Developer Tools: Git, pgAdmin, Postman, MySQL Workbench, Linux, Jira, VS Code, IntelliJ, Eclipse