

# Eric Sun

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Availability: January - May 2025

## EDUCATION

Northeastern University | Boston, MA Sep. 2022 – Apr. 2026  
Bachelor of Science in Computer Science | GPA: 4.0/4.0  
Coursework: Software Development, Algorithms, Object-Oriented Design, Database Design

## 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 May 2023 – 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, JavaScript, CSS 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  
Frameworks: React, Material UI, Express, NodeJS, Flask, Bootstrap, JUnit  
Databases: PostgreSQL, MySQL, MongoDB  
Developer Tools: Git, pgAdmin, Postman, MySQL Workbench, Linux, Jira, VS Code, IntelliJ, Eclipse