

# Jiyoan Choi

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## EDUCATION

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**Tufts University** | Bachelor of Science in Computer Science

Expected May 2025

- **Activities:** Tech Lead (JumboCode), Resident Assistant, President (Society of Women Engineers)
- **Relevant Coursework:** Data Structures, Machine Structure & Assembly Language Programming, Algorithms, Programming Languages, Cybersecurity, Computation Theory, Software Engineering, Cloud Computing.

## SKILLS

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**Programming languages:** Java, C/C++, Python, HTML/CSS, JavaScript, TypeScript, Ruby

**Tools/Libraries:** React JS, Tailwind, Agile & DevOps, Cloud Compute, Figma, Git, Linux, Maven, Guice, MongoDB

## WORK EXPERIENCE

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**Software Engineer Intern**

June 2024 - Aug. 2024

MongoDB | New York, NY

- Worked in the Atlas Dedicated team, which **manages the architecture** for configuring database clusters of all configurations and topologies across the three major Cloud Providers and regions.
- **Decoupled** OS Image/Policy release from main production deployment lifecycle by writing new logic in Java, Ruby.

**Software Engineer Intern**

May 2023 - Aug. 2023

Oracle Cloud Infrastructure | Seattle, WA

- Implemented a new feature **highly demanded** by Oracle clients that enables customers to update the CPUs/memory of their VMs for single-tenant hosts seamlessly in a single API call.
- Provided customers **flexibility in real time** when customizing their VM capacity with minimal manual work
  - Transforming a process that once took hours into just **60 seconds**.

**Senior Customer Support Representative**

Apr. 2022 - Present

Tufts Technology Services | Medford, MA

- Helped create/manage employee schedules and served as a main point of contact before the manager.
- Provided exceptional customer & technical support to visitors at all times.

## VOLUNTEERING & ACTIVITIES

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**Tech Lead (now) | Full Stack Developer (prev)**

Oct. 2023 - Present

Tufts JumboCode | Medford, MA

- Developed a shift management website for [Casa Myrna](#), Boston's largest provider of domestic violence resources.

**President**

Jan. 2023 - Jan. 2024

Tufts Society of Women Engineers | Medford, MA

- Led weekly meetings, managed e-board, corresponded with early talent recruiters to host corporate outreach events.

**Director of Branding & Hacker Experience**

Nov. 2019 - Aug. 2021

MetroHacks | Boston, MA

- Organized annual **Hackathon events** for the Greater Boston Area in a non-profit team of 10 student directors.
- Launched national year-long remote hackathon, "EmpowHer", for women/genderqueer identifying high schoolers
  - Managed Slack workspace of 250+ participants and 85+ mentors
  - Raised >\$20k scholarship funds for finalists through Fortune 500 partnerships (i.e. Microsoft, Staples).

## RECOGNITION

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Grace Hopper Celebration Scholar (2022), NCWIT Massachusetts State Affiliate Recipient (2020)