

# Matthew Torres

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## EDUCATION

**Tufts University** • Medford, MA

B.S. in Computer Science and Music  
GPA 3.81, Summa Cum Laude

*Graduated May 2024*

Relevant coursework: Algorithms, Data Structures, Web Programming, Intro to Security, Computation Theory, Programming Languages, Machine Structures and Programming, iOS Development, Intro to Computer Science.

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## SKILLS

**Languages:** Python, JavaScript, C, C++, Java, HTML5, CSS3, PHP, Swift

**Databases:** Oracle SQL, MySQL, MongoDB

**Frameworks:** React, Node.js, Express, Next.js, jQuery

**Software Packages:** Peoplesoft, Microsoft Suite

**Tools:** Visual Studios Code, Git, GitHub, AWS, Postman, Wireshark

**Other:** Intermediate Spanish, Linux, SecurID usage, Strong Verbal/Written Communication

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## EXPERIENCE

**JumboCode** • Medford, MA

**Technical Project Lead, KeepMassBeautiful** ([Link](#))

*September 2023 – May 2024*

- Instructed a team of **ten full-stack developers** to utilize standard web development technologies, including React, Next.js, Node.js, and MongoDB, to create an application that allows users to dynamically create, host, and edit their chapter's own public-facing promotional websites, in a **one-year timeline**.
- Wrote tickets, designed infrastructure and tech stack, managed repository, guided UI design, held workshops.
- Developed and tested most challenging application features, including sign-in authentication, photo cropper and upload service, and administrator dashboard. Maintained standards of clear, concise, and efficient code.
- Communicated with client monthly to assess needs and present updates. Deployed and delivered final product.

**Draper** • Cambridge, MA

**Enterprise Applications Development Intern**

*May 2022 – March 2024*

- Developed, implemented, tested, documented, and migrated **twelve key features** over two summers to improve financial and human resources applications, used daily by Draper's **2000+ employees**.
- Collaborated with other developers to analyze existing code and debug malfunctioning components.
- Interfaced Draper SaaS systems using SQL, Python, and Java to improve ERP functionality.
- Built a Python process which processes data from handheld scanners, increasing productivity of Asset Management team through automation and reporting, eliminating up to **six hours per week** of manual entry.

**Tufts University** • Medford, MA

**Teaching Assistant, Web Programming**

*August 2022 – December 2023*

- Provided individualized support to an estimated **50 students each semester** in office hours, clarified concepts, reinforced HTML, JavaScript, and PHP syntax, and helped troubleshoot code.
- Graded assignments and provided feedback, ensuring code meets all requirements through rigorous testing.

**Tufts University** • Medford, MA

**Music Events Technician**

*August 2021 – May 2024*

- Operated audio-visual recording and live-streaming equipment for music department concerts and events.
  - Troubleshooted complicated systems in a high-pressure environment.
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## PROJECTS

**Portfolio** ([Link](#)) • React

*June 2024*

- Designed and constructed a portfolio for software development and musical projects using React and CSS.
  - Curated an interactive user experience with animations, scroll and hover-based features.
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## ACTIVITIES

Theater and Jazz Ensemble Music Director, Tufts Protestant Chaplaincy Treasurer, Eagle Scout