

Jeffrey Ting

New York, NY • jting@bu.edu • (917) 757-5886 • [LinkedIn](#) • [GitHub](#)



Professional Experience

Teaching Assistant

Boston, MA

Boston University

01/2024-05/2024

- Will lead weekly lab sections on Web Application Development and hold office hours to further aid students
- The course covers Git/GitHub, HTML/CSS, JavaScript, React, NextJS, and Apollo GraphQL, teaching students how to create basic websites and progressing up to full stack web applications

IT Intern

Garden City, NY

Lavner Education

06/2023-08/2023

- Introduced students to various programming languages, such as Python, C++, Java, Bash, HTML/CSS, and JavaScript
- Led classes on programming basics, terminal usage, Git/GitHub, web app development, and game development
- Adapted curricula and teaching methods to accommodate individual students' needs

Section Leader

Remote

Stanford University

04/2023-06/2023

- Taught a weekly class of 15 students the fundamentals of programming with Python by preparing lessons, answering questions on the section forum, and helping students review, condense, optimize, and clearly document their code

Configuration Center Intern

Holbrook, NY

Future Tech Enterprise Inc.

06/2017-06/2023

- Optimized production workflow through the implementation of physical improvements and the creation of software scripting efficiencies, significantly reducing errors and improving productivity

Projects

CulinaryCommunity | culinary-community.vercel.app/

- Finalist project from BostonHacks2023
- Collaborated with the lead UI/UX designer to build a functional, accessible, and aesthetically pleasing website
- A prototype website to bring local communities together by providing a platform on which to organize events centered around sharing culinary aspects of culture
- Built using NextJS + TypeScript and MongoDB + Google Cloud

NerdNest3D | nerdnest3d.com

- Currently leading a small team of software engineers and designers to create an online store on which to sell custom designed 3D printed parts
- Built using NextJS + TypeScript, MongoDB + AWS, and we plan to integrate Shopify in the future

Spotify Message Ranking | kingtingthegreat.github.io/Spotify-Message-Ranking/

- Created a service to send users an SMS message updating them on their music listening habits at the end of every month based on data obtained from Spotify's Web API
- Due to A2P 10DLC updates, this service is no longer operational
- Built using React, Flask, and Oracle Cloud Database

LEGO Mosaic Generator | image-to-lego.vercel.app/

- Developed a simple full-stack web application that converts an input image to a Lego mosaic and a spreadsheet containing the part required to build the mosaic in real life
- Built using Flask, PIL (Pillow), NumPy, Pygame, and OpenPyXL

Education

Boston University

Boston, MA

Bachelor's Degree, Major in Computer Science; Major in Philosophy; Minor in Women's Studies

2021-2025

GPA: 3.84

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| • Discrete Mathematics | • Linear Algebra |
| • Probability in Computing | • Algorithm Design and Analysis |
| • Functional Programming | • Web Application Development |
| • Fundamentals of Computer Systems | • Software Engineering |

Skills

Python, OCaml, Java, C#, C/C++, HTML/CSS, JavaScript/TypeScript, React, NextJS, Flask, SQL, Oracle Database + Cloud, MongoDB, AWS, Azure, Google Cloud, Apollo GraphQL, LaTeX, Git/GitHub

Effective Communication, Leadership, Teamwork, Technical Writing, Microsoft Teams, Discord, Slack