

# Jeffrey Ting

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## Professional Experience

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### Teaching Assistant

Boston University

Boston, MA

01/2024-Present

- Led weekly lab sections for Web Application Development and held office hours to further assist students
- Taught students how to create basic websites, progressing up to full stack web applications
- Covered material on Git/GitHub, HTML/CSS, JavaScript, React, NextJS, Apollo GraphQL, and MongoDB

### IT Intern

Lavner Education

Garden City, NY

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

Stanford University

Remote

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

Future Tech Enterprise Inc.

Holbrook, NY

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

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### CulinaryCommunity | <https://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 | <https://www.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

### Indiefy | <https://indiefy.org>

- Currently building a service that measures the uniqueness of users' Spotify listening history
- Assigns users a score and displays their placement among the user base
- Uses Spotify OAuth to securely sign users in and manage their data
- Built using NextJS + TypeScript, MongoDB + AWS, Spotify's Web API, and Next-Auth

### 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

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Boston University

Boston, MA

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

2021-2025

GPA: 3.84

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

## Skills

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Python, OCaml, Java, Go, C#, C/C++, HTML/CSS, JavaScript/TypeScript, React, React Native, React VR, NextJs, OAuth with Next-Auth, 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

