

# Adam Yang

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## EDUCATION

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### Boston College

*Bachelor of Arts in Computer Science, Bachelor of Science in Psychology*

Newton, MA

*Class of 2025*

## EXPERIENCE

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### Web Specialist

June 2023 – Present

*Boston College*

*Newton, MA*

- Program website plugins for massive online experiment templates to accommodate different experimental tasks and for differing agendas using JsPsych, JavaScript, and HTML/CSS
- Built GitHub bots to automate welcoming new on-boarders to the project. E.g. Providing issue templates and best practices to new pull requests, issues, and other contributions.

### Hedge Trading Intern

May 2022 – Aug 2022

*Raffemet Pte. Ltd.*

*Singapore, SG*

- Reported margin calls to clients to guarantee clients will close on contracts
- Created automated Excel spreadsheets to expedite the calculating and storing of data. E.g. Compiling the projected MOC (Market of Closing) values and designing contracts on Google spreadsheets.
- Monitored daily cash positions to liaise with physical traders on hedging strategies, and balanced them with the corresponding physical contracts to guarantee an accurate database

### Advancement Information System Assistant

Oct 2022 – May 2023

*Boston College Cadigan Alumni Center*

*Newton, MA*

- Maintain and update repository and resolve the latest inaccuracies within Boston College's archive to ensure accurate and precise information on all Boston College Alumni, current students, and faculty
- Research and report the employment of 500+ Boston College members

### Assistant Coach and Program Developer

Aug 2018 – Sep 2021

*Star Academy Fencing*

*Needham, MA*

- Coached 40+ students, ranging from elementary to high school level. Curated individual programs to hone students' skills and instructed them during tournaments across the US.
- Conducted one-on-one lessons with students, and provided weekly progress updates to identify areas for improvement

## PROJECTS

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### Gitlytics | *Python, Flask, React, PostgreSQL, Docker*

June 2020 – Present

- Developed a full-stack web application using Flask serving a REST API with React as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

### Simple Paintball | *Spigot API, Java, Maven, TravisCI, Git*

May 2018 – May 2020

- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon a new release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

## ACTIVITIES

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### Division 1 Athlete and Captain

Aug 2021 – Present

*Boston College Varsity Fencing*

*Newton, MA*

- Practice for 12+ hours per week to improve as a team and to guide 40+ athletes toward cultivating a competitive yet accepting environment

### Front End Student Coder

Feb 2023 – Present

*The Heights at Boston College*

*Newton, MA*

- Redesign the official website by resizing and integrating interactive elements using CSS and JS, like call-to-action buttons, podcast, and Twitter sections
- Draft and present additional modifications in order to improve reader experience further

## TECHNICAL SKILLS

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**Languages:** Java, Python, C, JavaScript, HTML/CSS, VBA

**Frameworks:** React, Node.js, WordPress, JsPsych

**Developer Tools:** Git, Docker, AWS EC2, VS Code, IntelliJ, Figma

**Libraries:** NumPy, Matplotlib