

Tiffany Chen

tiffc@mit.edu | (206) 384-0916 | tiffanychenn.me

EDUCATION

Massachusetts Institute of Technology

Candidate for Bachelors of Science in Computer Science, Humanities and Mathematics.

Cambridge, MA

Jun 2018 – May 2022

- GPA: 5.0 / 5.0
- Relevant Coursework: Software Studio, Design and Analysis of Algorithms, Interconnected Embedded Systems, Artificial Intelligence, Linear Algebra, Probability and Random Variables

WORK EXPERIENCE

Microsoft - Semantic Machines

Boston, MA (Remote)

Software Engineering Intern

Jan 2021 – Feb 2021

- Built a decision tree to predict the validity of computer-generated code from user inputs for a virtual assistant.

Salesforce

San Francisco, CA (Remote)

Software Engineering Intern

Jun 2020 – Aug 2020

- Engineered a browser plugin to automatically produce Javascript Object Notation code to create new page objects for web components, allowing for easier automatic testing for user interfaces.

MIT Media Lab

Cambridge, MA

Undergraduate Researcher

Feb 2020 – May 2020

- Constructed an API using Flask for data transfer between a front-end interface visualizing data on a laser-created globe and large databases such as an argo dataset and a GEBCO elevation dataset.

Ultimate Software

Weston, FL

Software Engineering Intern

May 2019 – Aug 2019

- Developed new navigation bars and page templates for use in the newest iteration of Ultipro, Ultimate Software's human-capital management solution.
- Implemented new web components such as tooltip and banner for the Ignite Design System, used across 50+ teams.
- Redesigned the documentation site for the design system by adding accessibility adhering to WCAG 2.1 standards and snapshot testing with Jest to maintain visual accuracy.

Jane Street

New York, NY

INSIGHT Intern

Jan 2019

- Built an automated bot to trade stocks and bonds in a simulated market, ranking 4th out of 25 different bots in profit.

Morgan Stanley

New York, NY

Wealth Management Technology Intern

Jul 2018 – Aug 2018

- Added SQL integration to Trak and Seekr, applications that track internal software in different testing environments.
- Provided new webpage templates for technology teams in Wealth Management for the directory website.

LEADERSHIP AND INVOLVEMENT

MIT Department of Electrical Engineering and Computer Science

Cambridge, MA

Teaching Assistant, Lab Assistant

Feb 2019 – Dec 2020

- Led 2 recitations three times a week teaching discrete mathematics for Mathematics for Computer Science (6.042).
- Dedicated 100+ hours to help students understand and debug Python labs for Fundamentals of Programming (6.009).

THINK Committee – TechX

Cambridge, MA

Director, DevOps Chair

Sep 2018 – Present

- Spearheaded THINK's virtualization to better suit high school students during COVID-19, allowing for virtual lab visits and campus tours to MIT and personalized mentorship through students and faculty.
- Captained a committee of 15 people to begin the production of finalist videos to inspire prospective applicants and the pursuit of getting sponsors for the program for the first time, resulting in \$2,500.
- Designed the new homepage for THINK, a web application allowing college students to show off their extracurriculars to incoming freshmen, and an interface to help committee members view and collect applications.

Delta Phi Epsilon

Cambridge, MA

Vice President of Operations, Vice President of Academic Affairs, Social Chair

Jan 2019 – Present

- Managed four student coordinators to organize academic and social activities, adding several new events such as a majors panel and weekly homework time to the sisterhood programming.
- Organized small and large social events with Delta Phi Epsilon and other campus groups through extensive planning and communication, doubling the amount of events hosted during the semester.

SKILLS

Programming Languages: Java, Python, Javascript, HTML/CSS, C++, SQL

Web Development: Angular, Flask, React/React Native, Bootstrap, Node.js, Jest, Typescript, React, Vue

Tools and Frameworks: Git, MongoDB