Tiffany Chen

Cambridge, MA

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EDUCATION

Massachusetts Institute of Technology   **Cambridge, MA**

Candidate for Bachelors of Science in Computer Science, Humanities and Mathematics.   *Jun 2018 – May 2022*

- GPA: 5.0 / 5.0
- Current Coursework: Engineering Interactive Technologies; Theory of Computation
- Relevant Past Coursework: Advanced Natural Language Processing; Design and Analysis of Algorithms; Matrix Methods in Data Analysis, Signal Processing, and Machine Learning; Software Studio

WORK EXPERIENCE

Facebook   **San Francisco, CA (Remote)**

Software Engineering Intern   *Jun 2021 – Aug 2021*

- Built navigation pills, promotional billboards, and modules to increase awareness of onsite checkout on the main feed, resulting in double the amount of interactions with onsite checkout items and the onsite checkout feed.
- Redesigned the onsite checkout feed to group items based on relevancy to the users rather than stores, increasing items bought on the feed.
- Analyzed and presented trends and experiments on the efficacy of promotional UI components in the Shops tab, leading to the adoption of these components in production.

Microsoft - Semantic Machines   **Cambridge, MA (Remote)**

Software Engineering Intern   *Jan 2021 – Feb 2021*

- Created the underlying decision tree algorithm and user interface for a 20-questions program to crowdsource annotated data on Mechanical Turk.

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).

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.
- Revamped 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.

SKILLS AND INTERESTS

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

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

Databases: SQL, MongoDB, GraphQL

Activities and Involvement: Vice President of Operations, Former Vice President of Academic Affairs, Former Social Chair - Delta Phi Epsilon; DevOps Chair, Former Director - THINK; Teaching Assistant - MIT-MEET; CPW Chair - MacGregor; Member - Eta Kappa Nu (EECS Honors Society)