

Tiffany Chen
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EDUCATION

Massachusetts Institute of Technology

Candidate for Bachelors of Science in Computer Science and Engineering.

- GPA: 5.00 / 5.00
- Current Coursework: Introduction to Algorithms, Artificial Intelligence
- Completed Coursework: Fundamentals of Programming, Computational Structures, Mathematics for Computer Science, Toy Product Design

Cambridge, MA
Jun 2018 – Present

Stuyvesant High School

Graduated with Regents Diploma with Advanced Designation with Honors.

- Completed Coursework: AP Computer Science, Software Development, Computer Graphics

New York, NY
Jun 2014 – Jun 2018

WORK EXPERIENCE

Ultimate Software

TechStar Intern

- Developed new navigation bars and page templates for usage throughout the newest iteration of Ultipro, Ultimate Software's human-capital management solution.
- Implemented new web components such as tooltip and banner from scratch for the Ignite Design System.
- Helped redesign the documentation site for the design system by adding functionality to allow for more thorough documentation, accessibility adhering to WCAG 2.1 standards, and snapshot testing with Jest to maintain visual accuracy.

Weston, FL
May 2019 – Aug 2019

MIT 6.009: Fundamentals of Programming

Lab Assistant

- Dedicated 70+ hours to help students understand and debug Python labs for the Fundamentals of Programming class at MIT, a foundational class aimed at introducing ways to apply basic programming methods to abstract problems.

Cambridge, MA
Feb 2019 – Present

Jane Street

INSIGHT Intern

- Constructed an automated bot to trade in a simulated stock market, ranking 6th out of 25 different bots in total profit.

New York, NY
Jan 2019

Morgan Stanley

Wealth Management Technology Intern

- Added functionalities to Trak and Seekr, applications that track websites in different testing environments.
- Redesigned directory website, providing new webpage templates for technology teams in Wealth Management.

New York, NY
Jul 2018 – Aug 2018

American Museum of Natural History

Teaching Assistant (Oct 2017 – May 2018), Intern (Oct 2016 – Oct 2017), Brown Scholar (Oct 2015 – Oct 2016)

- Built interactive exhibits with the Exhibitions Department for the Senses show at the museum.
- Taught high school girls Python and scientific implementations of technology.
- Manipulated big data in Python and SQL to find correlations between navel bacteria diversity and environmental factors.

New York, NY

EXTRACURRICULARS

THINK Committee – TechX

DevOps Chair

- Mentored and funded several high school students in their research and entrepreneurial pursuits such as a machine learning algorithm to describe the emotion of artworks and a low-cost electric wheelchair.
- Revamped the THINK website (think.mit.edu) to evoke a more modern and sleek attitude.

Cambridge, MA
Sep 2019 – Present

Delta Phi Epsilon

Social Chair

- Organized social events between Delta Phi Epsilon and other campus groups through extensive planning and communication, doubling the amount of events hosted during the semester.

Cambridge, MA
Jan 2019 – Present

SKILLS

Front-End Development: Angular, CSS, Javascript, Jest, HTML, Puppeteer, Processing, React + React Native, SCSS, Stencil

Back-End Development: Flask, Java, Python, SQL

Machine Learning: pandas, scikit-learn

Code Development: Bitbucket, Github, npm

Hardware: Arduino, Raspberry Pi

AWARDS AND HONORS

Regeneron STS Scholar for research in predicting gentrification in NYC neighborhoods using machine learning algorithms, 2018.

NYU Winston Data Scholarship to develop machine learning and data analytics skills, 2017.