Tiffany Chen
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EDUCATION

Massachusetts Institute of Technology   **Cambridge, MA**
Candidate for Bachelors of Science in Computer Science and Engineering.   *Jun 2018 – Present*
- 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

Stuyvesant High School   **New York, NY**
Graduated with Regents Diploma with Advanced Designation with Honors.   *Jun 2014 – Jun 2018*
- Completed Coursework: AP Computer Science, Software Development, Computer Graphics

WORK EXPERIENCE

Ultimate Software   **Weston, FL**
TechStar Intern   *May 2019 – Aug 2019*
- 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.

6.009: Fundamentals of Programming   **Cambridge, MA**
Lab Assistant   *Feb 2019 – Present*
- Dedicated 75 hours to help students understand and debug Python code for the Fundamentals of Programming class at MIT, a sophomore class aimed at introducing and developing skills in applying basic methods from programming languages to abstract problems.

Jane Street   **New York, NY**
INSIGHT Intern   *Jan 2019*
- Constructed an automated bot to trade in a simulated stock market, ranking 6th out of 25 different bots in total profit.

Morgan Stanley   **New York, NY**
Wealth Management Technology Intern   *Jul 2018 – Aug 2018*
- 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.

American Museum of Natural History   **New York, NY**
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.

EXTRACURRICULARS

THINK Committee − TechX   **Cambridge, MA**
DevOps Chair   *Sep 2019 – Present*
- 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.

Delta Phi Epsilon   **Cambridge, MA**
Social Chair   *Jan 2019 – Present*
- Doubled the number of social events with Delta Phi Epsilon and other campus organizations during the semester.

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.