

Tiffany Chen
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EDUCATION

Massachusetts Institute of Technology

Cambridge, MA

Candidate for Bachelors of Science in Computer Science.

Jun 2018 – Present

- Relevant Coursework: Fundamentals of Programming, Computational Structures
- Relevant Extracurriculars: TechX (THINK & DevOps committees), Women Business Leaders (Associate Member)

Stuyvesant High School

New York, NY

Graduated with Regents Diploma with Advanced Designation with Honors.

Jun 2014 – Jun 2018

- GPA: 96.48
- SATI: 800 Math, 760 English / SATII: 800 Biology, 800 Math Level II
- College-Level Courses: AP Computer Science, Software Development, Computer Graphics, AP Macroeconomics, AP Microeconomics

SUMMER AND WORK EXPERIENCE

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.

Museum of Natural History

New York, NY

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

- Interned at the Exhibitions Department of the Museum of Natural History, one of the 15 girls chosen in 2015 from the Greater New York area.
- Built interactive exhibits for the upcoming Senses show at the museum.
- Taught current high school girls programming languages and scientific implementations of technology.
- Manipulated big data in Python and SQL to find correlations between diversity in bacteria in the navel and environmental factors.

NYU Girls' Science, Technology, Engineering, and Mathematics Research Program

New York, NY

Researcher

Jul 2017 – Aug 2017

- Created data models with machine learning algorithms to predict housing prices under the guidance of Dr. Rob Barton, a data scientist at Amazon.
- Awarded a data analytics scholarship by the Winston Foundation.
- Gave one of six chosen presentations at the closing symposium.

EXTRACURRICULARS

Stuyvesant Key Club

New York, NY

Bulletin Editor (Jun 2017 – Jun 2018), Locksmith Committee Director (Jun 2016 – Jun 2017)

- Elected Editor of the Locksmith, Key Club's newsletter, after leading a committee to create the newsletter.
- Increased the publication from twice a year to monthly.
- Awarded the sole Distinguished Committee Director award for exceptional leadership for the '16-'17 service year.
- Volunteered over 250 hours at in-school and out-of-school events.

Stuyvesant ARISTA

New York, NY

Tutor

May 2016 – Jun 2018

- Tutored kids in Math and Chemistry, bringing averages up from 70s to high 80s.
- Edited school and college essays at the Writing Center, enhancing their word choice and their writing voice.

AWARDS AND HONORS

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

National Merit Finalist, 2018.

Distinguished Bulletin Editor, New York District Key Club, 2018.

AIME Qualifier, 2017.

Silver Medalist, Le Grand Concours, 9th in the nation, 2017.

NYU Tandon Scholarship to learn cybersecurity, 2016.

Greater New York Math Fair Gold Medalist, for research in inversive geometry and Euler's formula, 2015 and 2016.

SKILLS

Computer Languages: Python, Java, HTML, CSS, Javascript, Bash

Software and Hardware: Arduino, Bootstrap + Foundation, Flask, GitHub, matplotlib, Raspberry Pi, pandas, Processing, scikit-learn, SQL