

Michael Sun

LinkedIn: <https://www.linkedin.com/in/michael-sun-mit/>

Email : michaelsunmaybe@gmail.com

GitHub : <https://github.com/xmike-yyy>

EDUCATION

- **Massachusetts Institute of Technology** Boston, MA
*Freshman studying **Computer Science** and **Mathematical Economics**; Interphase EDGE Scholar* May 2026
- **South Pacific Academy** Pago Pago, AS
GPA: 4.00; High School Diploma; SAT: 1570(800 Math); ACT: 35 May 2022

EXPERIENCES

- **Jane Street** New York, NY
Unboxed Intern July - Aug 2022
 - Participated in a 3-week, hybrid educational program with Jane Street's trading, software engineering, and business development groups.
 - Strengthened skills in probability, game theory, and analytical problem-solving.
- **Goldman Sachs** Remote
Fintech Focus Intern July - Aug 2022
 - Built programs and full-stack web applications from scratch with MongoDB, Python, HTML, CSS, Bootstrap, and the Flask web framework.
 - Designed and engineered prototypes/Minimum Viable Products (MVPs) into web applications.
 - Presented to Bank of America, Wells Fargo, Goldman Sachs, J.P. Morgan Chase, and Morgan Stanley.
- **Stanford University** Palo Alto, CA
Research Intern June - Aug 2022
 - Conducted NLP research on climate change misinformation under the EECS Department.
 - Conceptualized, programmed, and tested a Twitter Scraper to assist with research.
- **MIT FutureMakers** Remote
Student Intern July - Aug 2022
 - Innovated and devised a product AI application in the MIT FutureMakers Create-A-Thon.
 - Attained proficiency in CNN, Neural Networks, Forests, Cluster Classification, and other Deep Learning prediction models by solving Jupyter notebooks.

SKILLS

- **Proficient In:** HTML/CSS, JS, Python, R, Arduino, Jupyter, Machine Learning, Version Control (Git), Google Suite
- **Interests:** Statistics & Probability, Mathematical Modeling, Optimization and Testing, Computational Algorithms
- **Currently Learning:** React, C++, Linearity of Expectation, DataFrames

PROJECTS

- **OceanHackWeek Hackathon:** Contributed to open-source project of analyzing Alaskan earthquake databases and visualizing its seismic waves by devising a GIF generating model using time-series data and scatter-plots.
- **Twitter Scraper:** Created with Twitter API and TweetPy mixed with NLP techniques to retrieve information.
- **Business Model:** Web-Application built from Flask and Python to make profit/loss calculations/recommendations.
- **Discord Bot:** Implemented the New York Times API to return the hottest news today upon command.

AWARDS

- **Gates Scholar - Cohort V:** One of the 300 students selected among the 37,000+ applicants to receive a full-ride scholarship from the Bill and Melinda Gates Foundation.
- **Questbridge National College Match Scholar:** One of the ten Questbridge students (nationally recognized first-generation-low-income) chosen from 16500+ that's offered a full-ride scholarship to MIT.
- **Asian Pacific Islander Association Scholar (APIA):** One of 450 scholars chosen from 22,500+ applications (2%). Chosen to be sponsored by Cox Enterprises to receive a \$10,000 scholarship to cover my education costs.