

## Contact

[www.linkedin.com/in/william-z-268b36126](https://www.linkedin.com/in/william-z-268b36126) (LinkedIn)

## Top Skills

Mathematics

Computer Science

Python (Programming Language)

## Honors-Awards

USAMO Qualifier

William Lowell Putnam Mathematics Competition, Top 500

# William Z.

San Francisco Bay Area

## Summary

Passionate about machine learning and software engineering.

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## Experience

### Robust Intelligence

Machine Learning Engineer

June 2022 - Present (11 months)

San Francisco Bay Area

### Harvard University

Course Assistant

January 2020 - December 2021 (2 years)

Cambridge, Massachusetts, United States

Responsibilities include grading, hosting office hours, running sections, and answering questions for students.

- CS182: Artificial Intelligence (Fall 2021)
- CS175: Computer Graphics (Spring 2021)
- Math 122: Abstract Algebra (Fall 2020)
- CS109A: Introduction to Data Science (Fall 2020)
- Math 152: Discrete Mathematics (Spring 2020)

### Dyno Therapeutics

Data Science Intern

June 2021 - August 2021 (3 months)

Worked on Machine Learning Research team to improve models that predict protein properties from amino acid sequences.

### Amazon

Software Development Engineer Intern

June 2020 - August 2020 (3 months)

Birmingham, Alabama, United States

Worked in the Amazon Family team.

Worked remotely due to COVID-19.

## SimpleBet

### Data Science Intern

January 2019 - August 2019 (8 months)

Greater New York City Area

Applied neural network models to predict outcomes of events in Major League Baseball

## ATHLANE

### Backend Engineer

March 2019 - May 2019 (3 months)

Wrote scripts for web scraping and data cleaning; built tools used by company data/ETL pipeline

## Massachusetts Institute of Technology

### Student Researcher

January 2017 - December 2017 (1 year)

PRIMES-USA Program

Conducted original mathematical research on hypergraph extremal functions as part of the PRIMES-USA program for high school students; see "Projects" section for arxiv manuscript

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## Education

### Harvard University

Master of Arts - MA, Statistics · (August 2021 - May 2022)

### Harvard University

Bachelor of Arts - BA, Computer Science and Mathematics · (2018 - 2022)

### Vestavia Hills High School

· (2014 - 2018)