Stacy Vazquez

Objective:

Obtain an undergraduate degree in mathematics with computer science or related field.

Contact:

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(760) 818 - 3979

stacyvazquez.com

Education:

Massachusetts Institute of Technology
Cambridge, MA
B.S. Mathematics with Computer Science (18C)
August 2022 - May 2026 (Expected)
Unweighted GPA: 5.0

University Preparatory School
Victorville, CA
High School Diploma
August 2016 - May 2022
Weighted GPA: 4.5918

Awards & Honors

- Gates Scholar
- University Preparatory Salutatorian (c/o 2022)
- University Preparatory Outstanding Student in Math and Senior Presentation
- Harvard LEAD High School Award
- California Seal of Biliteracy

Languages

English (Native Fluency)
Spanish (Native Fluency)

Experience

Mu Alpha Theta, University Preparatory — President
AUGUST 2019 - 2022
Admit Applicants, complete club paperwork, tutor calculus students weekly, collect and archive members' hours and data

Summer Research Program — Dr. Xiaodi Wang
MAY 25, 2021 - SEPTEMBER 15, 2021
Audited Courses, Conducted Research, Wrote Introduction to Paper

SPINWIP — Stanford University
JULY 12 - 30, 2021
Learned Python and Foundational Physics Concepts

Pre-AP Calculus Course — University Preparatory
JANUARY 2020 - MARCH 2020
Taught a fast-paced Precalculus course to a group of twenty high school freshmen; created lecture materials and worksheets.

Programming:

- Python
- Javascript
- HTML
- C
- Assembly
- React & NodeJS

Skills:

- Google Suite
- Web Development
- Microsoft 365
- Teaching & Instruction Skills
- Scientific Writing
- Collecting, Analyzing, and Graphing Data
- Translating and Interpreting

Related Coursework

6.100A: Introduction to Computer Science Programming in Python

6.100B: Introduction to Computational Thinking and Data Science

6.1900: Introduction to Low-level Programming in C and Assembly

6.9620 Web Lab: A Web Programming Class and Competition

7.016: Introductory Biology

18.06: Introduction to Linear Algebra

18.02: Multivariable Calculus

Introduction to Machine Learning (Audited at WCSU)