

Hannah Friedman
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EDUCATION

Harvey Mudd College, Claremont, CA Expected May 2023

GPA: 3.86/4.00

Intended Major: B.S., Computer Science and Mathematics

Relevant Coursework: Intro to Computer Science with Lab, Principles of Computer Science, Data Structures/Program Development (Spring 2021), Calculus, Discrete Math, Linear Algebra, Differential Equations, Abstract Algebra, Galois Theory (Spring 2021), Intro to Probability and Statistics (Spring 2021), Independent Study on Permutation Statistics (Spring 2021), Mechanics & Wave Motion, Electricity & Magnetism

The College Preparatory School, Oakland, CA

June 2019

GPA : 3.92/4.00

Senior Class Math Department Award

Senior Class Chinese Department Award

National Cum Laude Society

Completed AP Courses in Calculus, Chemistry, Physics, Biology, and Mandarin

SKILLS

Programming Languages: Python, Java, Racket, C++, R, Git

Languages: German (fluent); Mandarin (conversant); Hebrew (conversant)

WORK EXPERIENCE

Grader & Tutor, Harvey Mudd College

January 2021 - Now

- Design rubric and grade weekly problem sets for Linear Algebra and Principals of Computer Science
- Help students with their computer science homework

Private Tutor

August 2020 - Now

- Tutor high school students in Calculus and Pre-Calculus

Grader, Harvey Mudd College

August 2020 - December 2021

- Design rubric and grade weekly problem sets for Calculus and Special Relativity

Grader, Berkeley Math Circles

September 2018 - May 2019

- Graded weekly problem sets for a 40-student geometry class

Leader, Math Tutoring Program (volunteer)

September 2016 - May 2019

- Organized tutor-lead study sessions before tests with faculty member

Instructor, Cal Adventures Summer Camp

June 2018 - August 2019

- Designed educational outdoor programming for campers

OTHER EXPERIENCE

Sustainability Director, Harvey Mudd College Student Government

September 2019 - Now

- Plan events, support sustainability representatives in completing their projects, advocate for increased sustainability on campus

Board Member, Claremont Hillel

January 2020 - Now

- Initiated weekly use of Scripps Greenware for Shabbat dinners of around 50 students and attend weekly board meetings to discuss issues on campus

Student Representative, Hixon Initiative Steering Committee

August 2020 - Now

- Contribute to new vision for the Hixon Center for Sustainability

Student Representative, Alumni Outreach Committee

August 2020 - Now

- Help alumni plan events for students and strategize student outreach

Member, Shine Prototype Team

February 2020 - August 2020

- Responsible for modeling components of a student-designed portable solar power system for disaster areas, refugee camps, and tiny houses