

Catherine Jang

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EDUCATION

Harvey Mudd College

Bachelor of Science, Joint Major in
Computer Science and Math
May 2022

Relevant Coursework: Natural Language
Processing, Algorithms, Data
Structures/Program Development, Logic
& Computability, Mathematics of
Democracy (In Progress), Real Analysis,
Abstract Analysis

SKILLS

Proficient

- Python
- Haskell
- C/C++
- LaTeX
- Github
- Git
- Mathematica
- Matlab

Experience

- Java
- HTML
- CSS
- JavaScript
- Swift
- R
- React Native

Foreign Languages

- Korean (fluent)
- Spanish (intermediate)

EXPERIENCE

Harvey Mudd College

Software Engineer for LAUSD Clinic Team

September 2021- present

- Create a guided school search tool for LAUSD families based on feedback from LAUSD parents.

Tutor/Grader in Computer Science

January 2020- present

- Tutor students who are taking the Natural Language Processing course once a week.
- Assist grading assignments based on correctness of code and depth of results analyses.

Project Manager for CS Teaching Tips Research

May 2020– July 2020

- Co-wrote research paper on increasing inclusivity in the field of computing: "[Motivating Literature and Evaluation of the Teaching Practices Game](#)".
- Led daily meetings, delegated tasks, monitored progress, and communicated key points from meetings to faculty advisor.

Asian Pacific Islander Sponsor Program at Mudd

Head Mentor

April 2020–May 2021

- Organized and hosted social justice workshops and mentor training.
- Managed club budget and communicated with Harvey Mudd's student leadership for logistical updates.

Girls Who Code

Teacher Assistant

July 2019-August 2019

- Revised lesson plans and taught young women to develop iPhone apps in collaboration with instructor.
- Communicated with students' parents for daily updates.
- Maintained contact with program management to receive and send logistical updates.