ISAIAH T. FUJII BRESNIHAN

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EDUCATION

Harvey Mudd College, Claremont, CA   Spring 2020
B.S. Computer Science, Music Concentration, GPA 3.50

EXPERIENCE

Research Assistant, Department Assistant, *Harvey Mudd College, Claremont, CA*   Fall 2017 - Present
- Aided various professors with administrative duties, document management, and organization.
- Took on additional responsibilities as a research assistant, working one-on-one with a professor to contribute to the publication of two books.
- Worked independently and maintained regular communication with the professor to assist with copyediting, researching manuscripts, obtaining copyright permissions, etc.

Bilingual Mountain Guide, *Fuji Mountain Guides, Nishi Tokyo, Tokyo, Japan*   Summer 2019
- Led international guests on multi-day hiking trips on Mt. Fuji as part of a 4-5 person guide team.
- Communicated clearly with guests, the guide team, and mountain hut workers in Japanese and English.
- Made decisions independently and as a team by assessing weather conditions and the ability of the guests.

Computer Science Education Research, *Harvey Mudd College, Claremont, CA*   Summer 2018
- Collaborated with a five person team to research and create assignments promoting diversity.

Homework Hotline Tutor, *Harvey Mudd College, Claremont, CA*   Fall 2016 - Spring 2020
- Communicated clearly over the phone to tutor elementary to college-age students in a variety of subjects.

PROJECTS

Sustainable Claremont Capstone Project   Fall 2019 - Spring 2020
- As a capstone project, worked on a four person student team to collaborate with a local non profit to assess the air quality in Claremont and raise awareness about the harmful effects of vehicle emissions.

Image Focus Stacking   Spring 2020
- Created a program to implement a focus stacking algorithm, a technique to edit photos for increased area of focus, using Python and the OpenCV library as an in class project for Computational Photography II.

Flower Image Classification App   Spring 2019
- Worked on a four person team to create a web application using HTML/CSS to classify flowers based on images using a pre-trained ResNet machine learning model as an in class project for Software Development.

SKILLS

- Most experience with Python, C++, Java; some experience with HTML/CSS, JavaScript, C, R, OpenCV, Git
- Adaptable and fast learner; friendly and empathetic in team environments; self-motivated
- English (native/fluent), Japanese (native/fluent)