

ISAIAH T. FUJII BRESNIHAN

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EDUCATION

Harvey Mudd College, Claremont, CA

May 2020

B.S. Computer Science, Music Concentration, GPA 3.50

EXPERIENCE

Quality Engineer, Qualitest supporting Google, Austin, TX

Aug 2020 - Jul 2022

- Analyzed user queries and data, debugged issues, and provided analysis and improvements to optimize Google's search engine on the Search Language Specialist (SLS) team.
- Provided native language expertise in Japanese alongside a multilingual team to adapt and improve the search engine UI to local languages.
- Applied Machine Learning and Natural Language Processing tools to improve the quality of Google's search engine results.
- Automated tasks using Python, SQL, and Google Apps Script to increase the efficiency of our team's workflow.

Research Assistant, Department Assistant, Harvey Mudd College, Claremont, CA

Sep 2017 - Aug 2020

- 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.

PROJECTS

Website Development for *unfiltered.coop*

Dec 2021 - Mar 2022

- Improved responsive Wordpress website for a Japanese-English news cooperative that handles memberships and payments, and has bilingual capability.

Personal Website at *isaiahfujiibresnihan.com*

Jun 2020 - Present

- Created a static personal website using HTML, CSS, and Javascript focusing on responsiveness, user experience, and design.

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

- Python, C++, Java; HTML/CSS, JavaScript, SQL; Wordpress, Git
- Adaptable and fast learner; friendly and empathetic in team environments; self-motivated
- English (native/fluent), Japanese (native/fluent)