Jessica Li

jesstsomethoughts.github.io   **jjessicali@g.ucla.edu**

EDUCATION

University of California, Los Angeles   Sept 2019—Jun 2023
- GPA 4.0 | *BS in Computational & Systems Biology, Minor in Digital Humanities*

RELEVANT EXPERIENCE

BigData Associate Software Engineer, ServiceNow   Sept 2023—Present
- Parsed through 100+ pipelines and 700+ Jenkins Jobs with each BigData cluster to sync pipeline data flow and enhance on-call efficiency via Python and Java applications
- Implemented automated Prometheus monitoring system for email alerts
- Facilitated seamless merge requests in Gitlab by integrating custom merge hooks with Python and YAML scripts

Data Assistant, Modern Endangered Archives Program (MEAP) Data Lab   Mar—Jun 2023
- Conducted data analyses on 10,000+ archival materials from the Modern Endangered Archives Program (MEAP) for patterns across collections in Python, JavaScript, and Tableau
- Automated transcription of 3000+ images of handwritten Portuguese farm ledgers to digitized data tables

BigData Software Engineering Intern, ServiceNow   Jun—Sept 2022
- Created new workflow widget using React.js libraries to improve visualization of data lifecycle for 100+ pipelines in BigData framework
- Configured data to be directly editable by users in ServiceNow's internal dashboard UI through API calls

Research Assistant, Native Hawaiian and Pacific Islander Data Policy Lab Aug 2021—Jul 2023
- Used Python and R to process a million+ rows of data on COVID-19 and social determinants of health for NHPI and Southeast Asian populations to create 4 Tableau dashboards

Co-Founder, Find My Vax Santa Clara   Mar—Jun 2021
- Developed React-based website and Twitter bot that aggregated data from 20+ website scrapers to centralize COVID-19 vaccine appointments available in Santa Clara County
- Site garnered 10,000+ site users and partnered with Gardner Health Services and local community groups

Peer Learning Facilitator, Academic Advancement Program   Sept 2020—Jun 2023
- Coded 3 course-specific escape rooms and created 50+ pages of worksheets in academic workshops for up to 20 students in programming and organic chemistry courses

Co-Founder, Metanoia   Jul 2020—Jul 2022
- Built website from scratch with prototype on Heroku of a custom virtual library of 100+ books for an edtech startup I co-founded
- Managed 10 interns in React.js frontend and AWS backend website development

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SKILLS

Languages: Chinese (bilingual proficiency), Spanish (limited working proficiency)
Programming: Java, Python (NumPy, Pandas, Selenium, OpenCV, NLTK, etc.), R, JavaScript, React.js, HTML, CSS, Bootstrap, mySQL, C++
Other: Adobe Suite (Photoshop, Illustrator, Indesign), Tableau

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HONORS & AWARDS

- 2022-23 Internet Research Initiative Prize Winner
- 2022-23 Ahmanson Undergraduate Research Scholarship