

JESSICA CHAU HUYNH

SOFTWARE ENGINEER

TECHNOLOGIES

Programming Languages:

Python | JavaScript
HTML5 & CSS3

Frameworks & Libraries:

Flask | Jinja2
jQuery | AJAX
Python Imaging Library
Bootstrap

Database Tools:

PostgreSQL
SQLAlchemy

Industry Tools:

Git | GitHub

HOBBIES

Embroidery
Gardening
Making Art

CONTACT

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PROJECTS

[BestNeighbor](#) | github.com/Hackbright-Covid-19-Hackathon/hack-covid-19-devpost
DEVPOST HACK-COVID-19 HACKATHON

A web-app that allows neighbors to volunteer by bringing items from the store to their 'at risk' neighbors. Collaborated with a team of software engineering women who have the same passion for their own community. Created 'volunteer routes' using Python and Flask.

[Palette](#) | github.com/jchuynh/palette

HACKBRIGHT ACADEMY DEMO PROJECT

A web-app that provides visitors with a color palette based on famous works of art. Used the Met Museum's API to collect the art images, then processed the color palette with the Haishoku Library.

WORK EXPERIENCE

Engineering Process Technician | Mar 2017 - Dec 2019
Lab Technician | Aug 2016 - Feb 2017

CENTRILLION TECHNOLOGIES INC. | PALO ALTO, CA

- > Lead a team of five technicians to expand DNA chip analysis data.
- > Collaborated with data scientist to raise analysis efficiency by 30%.
- > Optimized DNA chips by independently running year-long experiments resulting in a change in storage procedure.
- > Coordinated across departments to strategize chip experiments.
- > Designed protocols and documentation for quality control testing.

Life Science Research Assistant | Jun 2014 - Sept 2014

STANFORD SCHOOL OF MEDICINE, HIMC | STANFORD, CA

- > Lead the department's Human Agglutination Inhibition (HAI) Assay Project for the improvement of the year's flu vaccine.
- > Evaluated experimental data, interpreted results, and presented findings for validation of the new vaccines.

EDUCATION

Hackbright Academy

SOFTWARE ENGINEERING PROGRAM | JAN 2020 - MAR 2020

University of California, Santa Cruz

BACHELOR OF SCIENCE IN EARTH SCIENCE | JAN 2019