

# 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

[chauhuynh.jessica@gmail.com](mailto:chauhuynh.jessica@gmail.com)  
[linkedin.com/in/jessicachauhuynh](https://www.linkedin.com/in/jessicachauhuynh)  
[github.com/jchuynh](https://github.com/jchuynh)  
[jessicachauhuynh.com](https://jessicachauhuynh.com)  
408.781.4653

## PROJECTS

[BestNeighbor](#) | [github.com/Hackbright-Covid-19-Hackathon/hack-covid-19](https://github.com/Hackbright-Covid-19-Hackathon/hack-covid-19)

### 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](https://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 5 technicians to expand analysis data by 60%.
- 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 and created new protocols in the process.
- Designed clear and concise protocols/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