

# Makena Kong

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## Education

California Polytechnic Institute - San Luis Obispo  
Bachelor in Science in Computer Science  
Minor in Studio Art

Graduation June 2020

## Relevant Coursework

Data Science, Knowledge Discovery of Data, Databases, User Interfaces, Algorithms  
Data Structures, Systems Programming, Object-Oriented Programming and Design

## Languages

Python, Java, C, R  
Javascript, Typescript  
HTML, CSS, SQL

## Frameworks

Django, Vue, React, Shiny

## Other

AWS, Nginx, GCP  
Docker, Node  
Linux/UNIX, Git, Figma

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## Technical Experience

### Information Technology Intern

June 2019 - Aug 2019

The Clorox Company

- Built a Data Catalog with Shiny R to consolidate the metadata between Oracle IDR and GCP BigQuery so that IT and business employees can easily search for the tables needed to calculate metrics and increase performance.
- Co-led full stack development of the Clorox Innovation website that allows employees of all functions to brainstorm and collaborate on projects that foster technological advancement within the company.
- Fully redesigned a power point based Sharepoint website into a dynamic React.js website hosted on Google App Engine with a RESTful API built with Express.JS pulling from Cloud SQL.

### Chief Technical Officer

Feb 2019 - Aug 2019

Popshop

- Led full stack development for an e-commerce fashion platform that allows users to create custom shopping collections targeted to streamline the recruitment process for sororities.
- Designed the affordable, yet scalable, architecture of the application to minimize company expenses.
- Developed the UI of the application with Vue.js, built the RESTful API with Express.js, created the MySQL database, and configured NGINX on the AWS instance from which everything is hosted.

### Engineering Intern

Jun 2018 - Sept 2018

Space Systems Loral

- Spearheaded an interactive web application using Django, Python and other tools to modernize data visualization so that the Quality Engineer's metrics are accessible cross-functionally.
- Managed data from a company-specific non-relational database to help employees gather the tables needed to generate their reports and metrics.

### Lead Tutor

Oct 2017 - Dec 2017

Robotics at Teach

- Educated and supervised 100 5th graders building primitive robots with LEGO MINDSTORMS EV3.
- Guided students to think critically and solve complex coding problems with a feedback-driven tutoring framework.

## Work Experience

### Food Server

Aug 2014 - Jan 2017

Stoneridge Creek Retirement Community

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## Contact Me

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San Ramon, CA



<https://kenakingkong.github.io> (in progress)



<https://linkedin.com/in/makenakong>



<https://github.com/kenakingkong>