SHAKA KANENOBU

ABOUT

San Diego, CA
US & Japan Citizen

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Languages

Python	**JavaScript**
PHP	**SQL**
C/C++	**Java**
HTML/CSS	

Frameworks &Technologies

- Git
- VueJS
- Laravel
- Django
- Google Cloud Platform
- Docker

Spoken Language

- English – Native
- Japanese – Native

EDUCATION

University of California Santa Barbara   *9/2017 – 6/2021*
Bachelor of Science in Computer Science Candidate
Expected Graduation, Jun 2021
GPA: 3.1
Upper Division GPA: 3.22

Work Experience

Shin Nihon Kosan *-Pasadena, California*   *06/2020 – 11/2020*
Software Developer
- Developed client site and admin site for management of online reservations for Southern California based restaurant franchise.
- Assisted in digitalizing traffics of up to **500 customers per day.**
- Gained experience in full stack development of large-scale service.
- **Technologies: GCP, Laravel, MySQL, VueJS**

PROJECTS

Gomoku AI   *12/2020 - Present*
- Deployed a RESTful API for playing the traditional Japanese game Gomoku against an AI.
- Capable of computing up to two moves ahead on a 15x15 game board.
- Currently in works of creating a UI for the platform.
- **Technologies: Python, Django, PostgreSQL**

COVID-19 Data Analysis   *09/2020 - 11/2020*
- Used Data Analysis and Machine Learning algorithms to assess the effects of socioeconomic vulnerability on COVID-19 infections.
- Worked with a team to assess the validity of various machine learning algorithms
- **Technologies: Python**

Room Reservation Bot   *09/2018 – 09/2020*
- Developed an automated **Python** application that reserves study rooms from the UCSB campus library.
- **20+** friends benefit from it and have continuously booked rooms for **14 hours** every day for over **18 months**.
- Automates browser navigation and email confirmation with **Selenium WebDriver** and **IMAP client**.
- Stores result into **PostgreSQL** database to track and handle student credentials.
- **Technologies: Python, PostgreSQL**

Isla Vista Housing   *01/2020 – 03/2020*
https://iv-housing-search.firebaseapp.com/
- Worked in a small engineering team to create a housing website specifically catered for students that attend UCSB.
- Scraped housing data by using **Selenium** and parsing HTML elements using **Beautiful Soup**.
- Built **JavaScript** search queries to fetch scraped data from **Firebase**
- Deconstructed project into separate components for testing with Python **unittest.**
- **Technologies: Python, JavaScript, Firebase**