

JOYCE YU

San Francisco, CA | Full Stack Software Engineer
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Technical Skills

Front-end: JavaScript ES6+, HTML5, CSS, React.js, DOM manipulation

Back-end: Python, Django 4, PostgreSQL, RabbitMQ, MongoDB, FastAPI

System Design: Domain driven design, Microservices, Monoliths

Developer Tools: Git, Docker, Render, Insomnia

Application Development Experience

Jam Pack'd, Full Stack Software Engineer | [Gitlab Repo Link](#)

2022

Full stack web application for music lovers to discover new tunes, Tinder-style, and create playlists

- Utilized FastAPI, MongoDB, React, HTML, and Bootstrap CSS
- Led a team of 4 engineers to architect and design the features of software using Domain Driven Design and an agile workflow
- Obtained music data using the Spotify API to display song recommendations to users
- Implemented user authentication using JWT to restrict access to APIs

Dealer Desk, Full Stack Software Engineer | [Gitlab Repo Link](#)

2022

Full stack web application for an automotive dealership that keeps track of vehicle inventory, sales records, and service appointments

- Built with Django, React, HTML, Bootstrap CSS, and PostgreSQL
- Partnered with another full stack software engineer using Git and Gitlab
- Implemented a poller that polls and creates a new instance within the sales microservice whenever a new automobile is added
- Created 7 endpoints that enable users to read or create a sales person, customer, or sale record

Attend It, Full Stack Software Engineer | [Gitlab Repo Link](#)

2022

Full stack web application for managing conferences, conference attendees, and locations

- Created using Django, React, HTML, CSS, and PostgreSQL
- Utilized third party APIs to get weather data and images for conference location
- Converted the app from a monolith to microservices using pub/sub, polling, and messaging queues
- Created a single page, front end application using functional React hooks

Professional Experience

Refinance Loan Consultant, Better Mortgage | San Francisco, CA

2021 – 2022

- Consistently met and exceeded monthly sales targets, landing in the top 5% for files
- Served as a subject matter expert and main point of contact for clients, assisting borrowers in understanding interest rates options, loan approval, and loan documentation

Associate, Customer Experience

2020 - 2021

- First line of communication for clients, maintained an average CSAT score of 4.8/5

IT Helpdesk Technician, UCLA School of Law | Los Angeles, CA

2016 – 2018

- Provided advanced technical support for the Law School community, both locally and remotely via phone, email, in person, or via remote desktop software
- Determined the problem source, recommended replace versus repair alternatives, and where appropriate, arranged for temporary support from other resources

Education

Software Engineering with JavaScript and Python, Certificate | Hack Reactor

2022

B.A. in Psychology, Minor in East Asian Language (Chinese) | UCLA