

# JOYCE YU

San Francisco, CA | Full Stack Software Engineer  
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## Technical Skills

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**Front-end:** JavaScript ES6+, HTML5, CSS3, 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, Agile, Kanban

## Application Development Experience

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**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*

- Developed high performance software using FastAPI, MongoDB, React, HTML, and Bootstrap CSS, leading a team of 4 engineers using agile methodologies and Domain Driven Design
- Leveraged the Spotify API to collect and analyze music data, providing personalized song recommendations to users
- Implemented a secure user authentication system using JWT to regulate access to APIs, ensuring data privacy and security

**Dealer Desk, Full Stack Software Engineer | Gitlab Repo Link** **2022**

*Full stack web application for an automotive dealership management of inventory, sales, and service records*

- Built a full stack web app using Django, React, HTML, Bootstrap CSS, and PostgreSQL, collaborating with another engineer using Git/GitLab to ensure seamless code integration and project management
- Streamlined the sales process by implementing a poller that automatically creates a new instance within the sales microservice whenever a new automobile is added to the inventory
- Created intuitive endpoints that allow users to easily read or create salespersons, customers, or sale records, enhancing overall system functionality and ease of use

**Attend It, Full Stack Software Engineer | Gitlab Repo Link** **2022**

*Full stack web application for managing conference logistics, including attendees and locations*

- Created using Django, React, HTML, CSS, and PostgreSQL
- Utilized third party APIs for weather data and images, enhancing user experience
- Converted the app from a monolith to microservices using pub/sub, polling, and messaging queues for scalability and efficiency
- Designed and implemented a modern front end with functional React hooks for a seamless user interface

## Professional Experience

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**Code Coach, theCoderSchool | San Mateo, CA** **2023 – present**

- Coached 20 students (age 7-14) weekly, creating tailored individual lesson plans accessible to each student's skill set and needs with technologies including Scratch, HTML, CSS, JavaScript, and Python
- Fostered interest in computer science among students and provided detailed progress updates to parents

**Account Executive, 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**

- Provided technical support and fostered interest, maintaining 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 resource

## Volunteer Experience

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### WordPress Developer, 48in48 | Remote

**2023**

- Participated in the Women's Build Event as a Wordpress Developer and UI/UX Designer to build a multi-page static website using HTML, CSS, and Wordpress for a non profit organization called Creating Roles of Winners in Society (CROWNS)

## Education

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**Software Engineering with JavaScript and Python, Certificate | Hack Reactor**  
**B.A. in Psychology, Minor in East Asian Language (Chinese) | UCLA**

**2022**