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[Portfolio](#)

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Marin County, CA

Joey Peterson

SKILLS: React, Node.js, Docker, Redux, Python, Flask, JavaScript, SQL, Postgres, Matlab, Canvas

PROJECTS:

Outergram Python, flask, sqlalchemy, ReactJS, SQLAlchemy

[live](#) | [github](#)

Clone of instagram.

- Enabled hashtag creation and deletion by setting up thunk actions during the creation or update of user posts.
- Incorporated Binary First Search that gives second and third degree follow suggestions using sets for visited nodes and a queue for checking path length.
- Created two search features that allowed users to either navigate to user profiles or create a direct message channel with other users.
- Incorporated drag and drop image files using React's built-in image uploading.

NapCamp Nodejs, ReactJS, Express, postgresql, Google Maps API

[live](#) | [github](#)

Napcamp is my fun take on the popular website Hipcamp.

- Incorporated Google Maps Javascript API with Google's Geolocation API for booking locations.
- Integrated reviews, bookings and location CRUD using Redux state and postgresql queries.
- Enabled recommended listings based on proximity of current location using Haversine Formula.

After Hours Python, Flask, Flask Socket IO, SQLAlchemy, ReactJS, SQLAlchemy

[live](#) | [github](#)

After Hours is a clone of the chat and messenger app, Discord.

- Enabled live chat using Flask Socket IO that allows users to receive messages without having to reload their browser.
- Integrated server, channel, and message CRUD React slices of states and SQLAlchemy queries.
- Incorporated sorting functions to enable a wide range of search bar filtering when user's explore servers to join.

EXPERIENCE:

Studio Musician and Audio Engineer

Independent Contractor

Jan 2010 - Sep 2016

- Produced 4 EP's and 2 LP's as well as multiple single releases for California artists and bands.
- Performed in studios and venues throughout California as well as held two residencies at two venues.
- Collaborated with band members, producers and performers to determine desired sounds.

EDUCATION:

UC Davis - BS Analytical Chemistry, 2016-2020

- Experience running Python scripts and Matlab data analysis in upper division coursework as well as extracurricular laboratory studies.

Musician's Institute - BS Music Composition, 2010-2014

AppAcademy - 2017 - This will be a brief sentence about a/a

- A fully immersive 24-week, 1500+ hour coding school. Teaches full-stack web development as best practices and work models such as Object-Oriented Programming, scalability, DS&A, algorithms, DRY, time and space complexities.