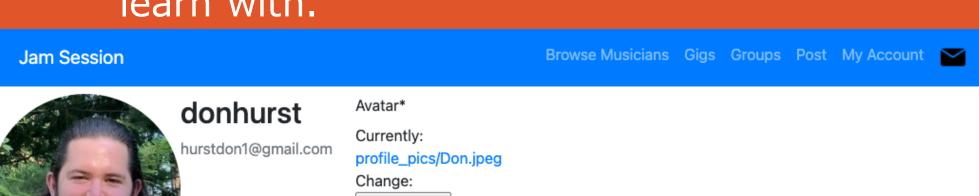
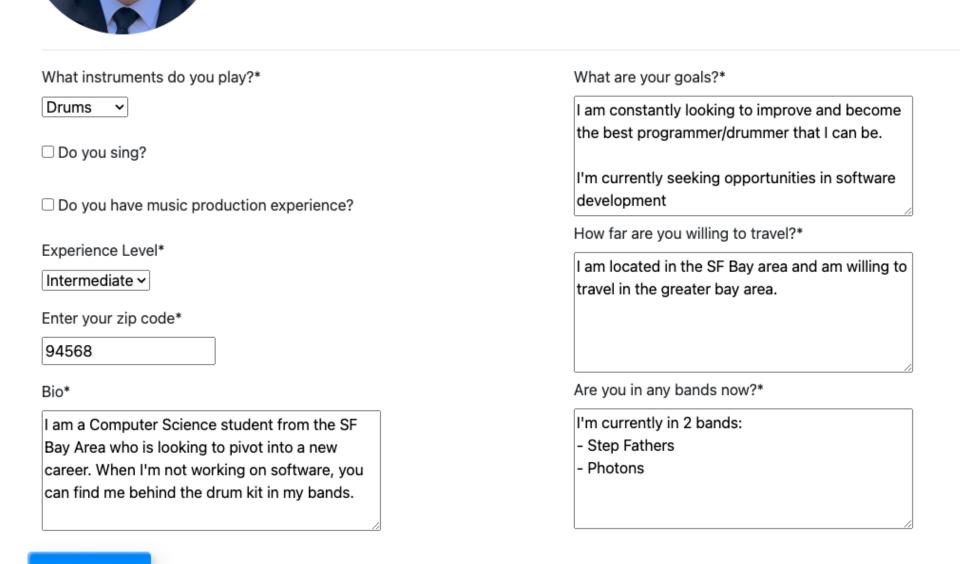
## COLLEGE OF ENGINEERING

#### WHY JAM SESSION?

- Jam Session is a full-stack application representing a minimum viable product (MVP) of a LinkedIn type social media hub for musicians to find each other, and find people to JAM with and for finding musicians and artists via social media-like functionality.
- Software Jam Session leveraged the following: Django (framework for the entire project), Heroku (Hosting), Amazon S3 (Media repository, pictures for user profiles), PostgreSQL (database), HTML, CSS, Javascript, bcrypt (password encryption for Django for user accounts), pyzipcode (library allowing for zip code comparison for users).
- Implementing this project improves our understanding of the models, views and controls paradigm. Utilizing/leveraging HTML/CSS/JS for the front end, and tying it to the backend with Django/Python was a great learning experience for deploying a full-stack application.
- We decided to implement Jam Session with Django because we wanted to learn the industry standard for python web development and it provides a bevy of out of the box functionality that we could tinker with, making it versatile toolbox to learn with.



Choose File | SeekingEmployment.jpeg



 Prior to the class beginning, Don Hurst took an additional course to learn how to leverage Django which gave our team a major advantage and head start.



Electrical Engineering and Computer Science

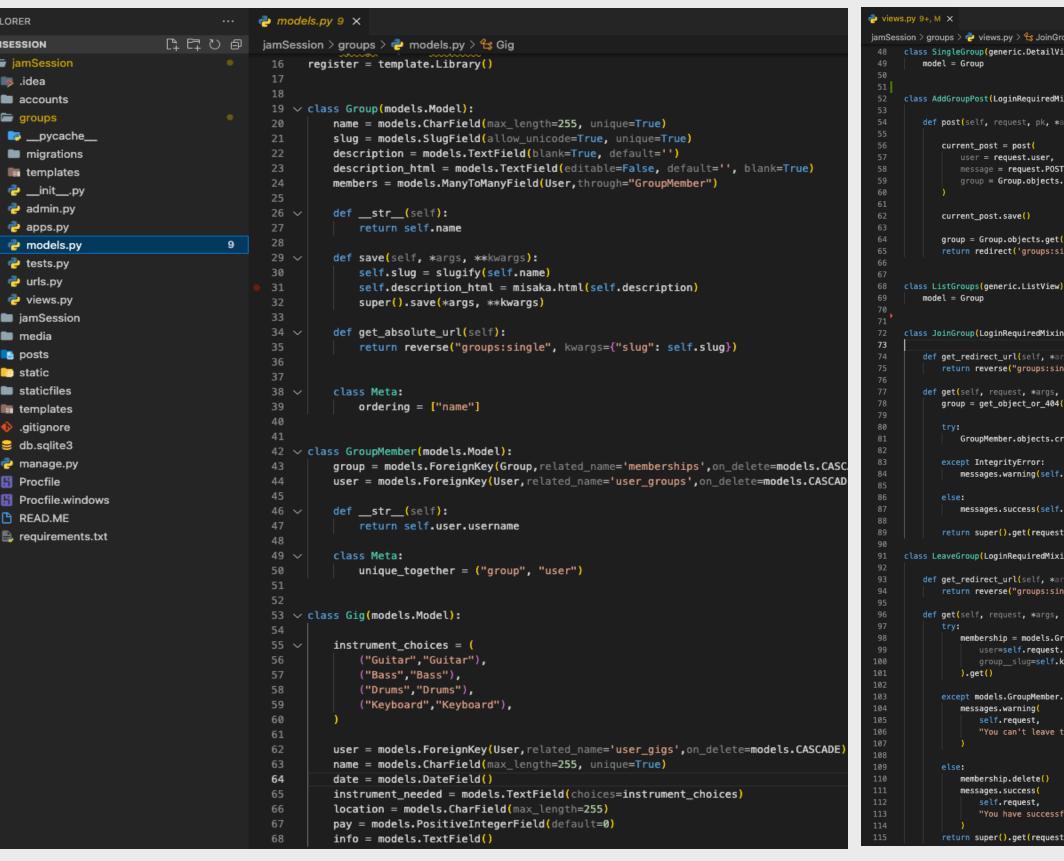
# JAM SESSION

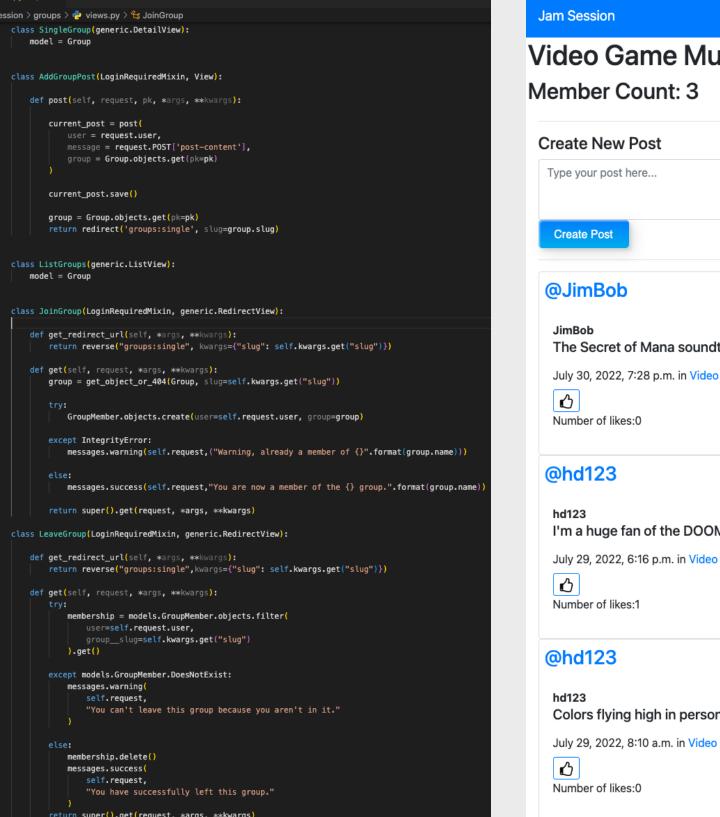
### https://github.com/DonHurst/theRealJamSession

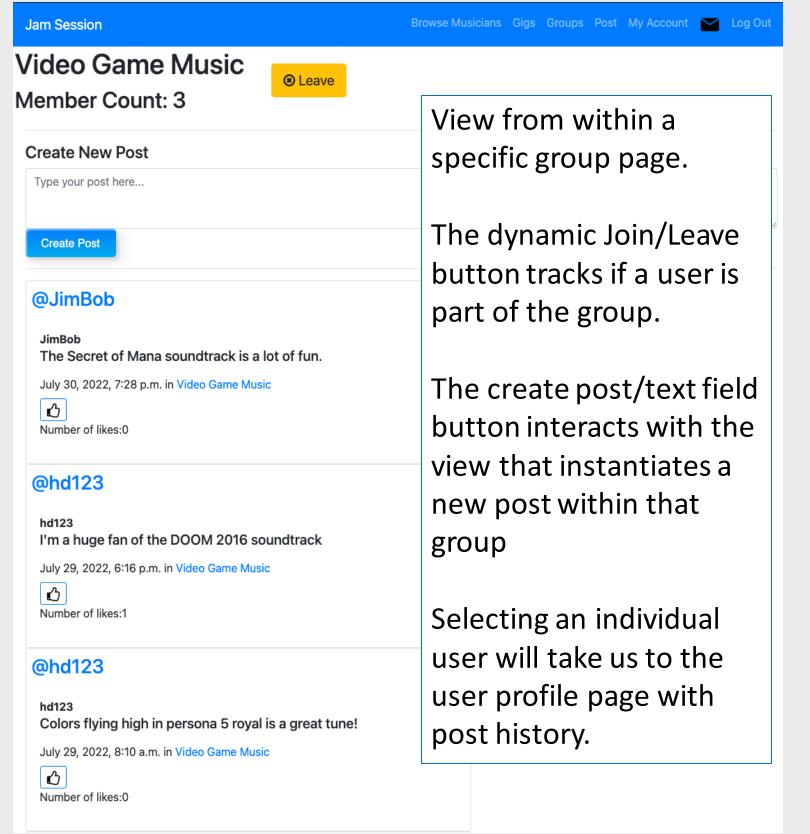
Don Hurst & Andy Friedrich hurstd@oregonstate.edu friedran@oregonstate.edu

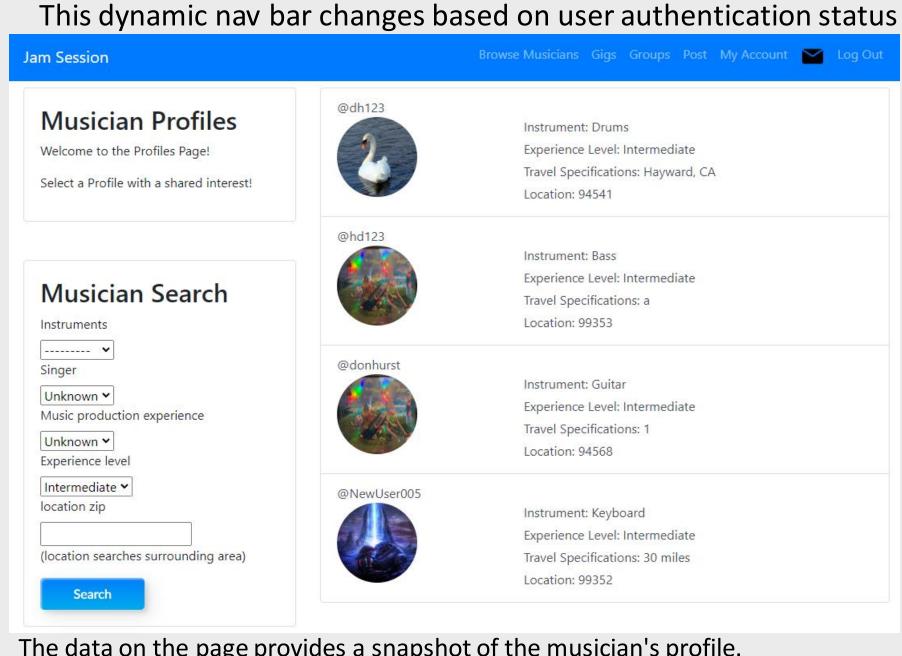
# Find musicians in your area to jam out with!

A LinkedIn type social media platform connecting Musicians.



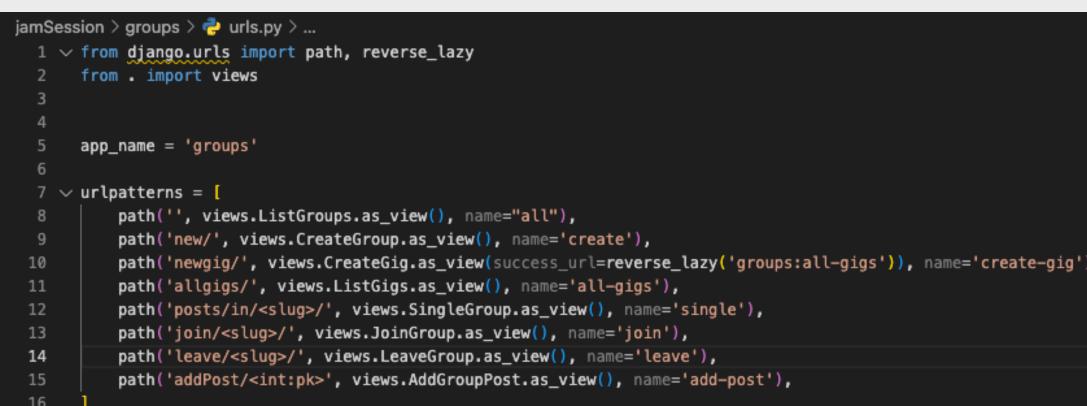


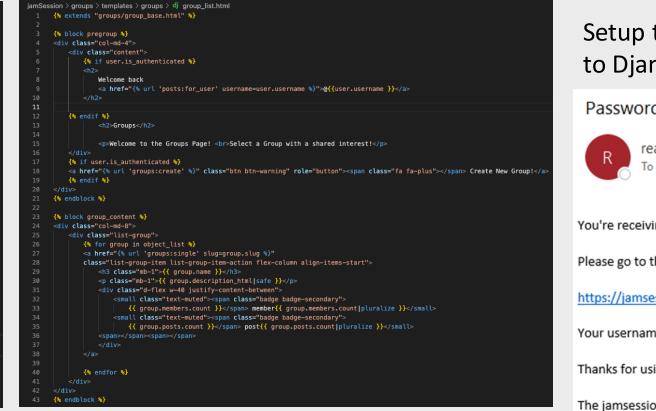


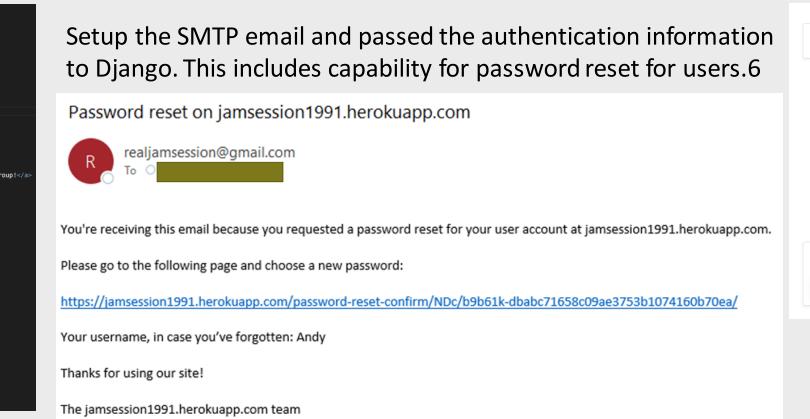


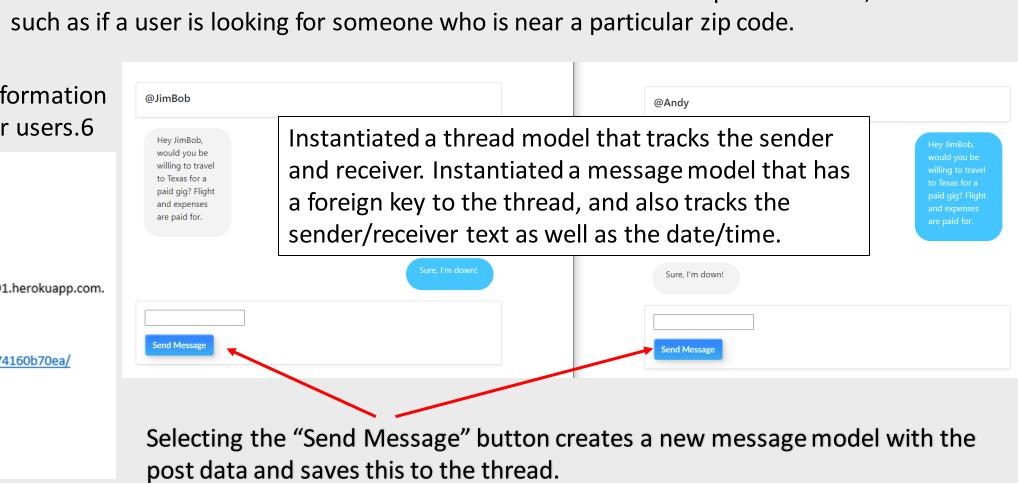
The data on the page provides a snapshot of the musician's profile. Cards on the right side are instantiating a list of user profiles. In this case we have "Experience level: Intermediate" selected. The cards are all links that take us to the user page and post history.

The filters under "Musician Search" allow the user to search for specific criteria, such as if a user is looking for someone who is near a particular zip code









#### DESCRIPTION

Jam Session is a full stack web application that allows users to create profiles, look for other musicians, find gigs, share gigs where additional musicians are needed, and fulfills the mission for creating an online environment for musicians to collaborate and engage with each other.

Musicians are driven by passion to create music and work with others to produce their art. It can be difficult to network/find people in local geography to connect with and create music collaboratively.

Jam Session fulfills that need / allows musicians to connect and have an online presence and provides a refined way to connect and collaborate with other artists.

Custom profiles allow users to express themselves as an artist online. Providing a quick snapshot the art they would like to make and their means of doing so.

Groups/Posts and direct messages provide a simple and intuitive way for users to communicate directly whether it be discussing artists that they love, or setting up Jam Sessions to rock out.

#### FEATURES:

- Welcome Screen, Login & Signup: Unique display name enforced, Secure password that is stored securely by Django, password reset with valid user email.
- Musician Profiles: Listing of musicians on the site, search functionality looking for people who play particular instruments, if they sing, music production experience, experience level, and location to try to find people in a nearby zip code.
- Individual profile: Select an individual musician, see an expanded set of information, provide an endorsement, send a private message.
- Gigs: Create a gig or browse available gigs
- Groups: Create a group, join groups, see the number of members and posts.
- Individual Groups: Select an individual group, join or leave a group, see posts and discussions in the group, like posts.
- Post: Ability to select different groups and make a posting.
- My Account: Change your avatar, add profile information.
- Private Message: List of private messages sent to the user, allowing conversation back and forth.
- Messaging (Icon): Displays conversations between different Musicians on the app.