

# GENNA MERGOLA

## FULL STACK SOFTWARE ENGINEER

### Experience

**Clever Counsel LLC • Full Stack Software Engineer Intern** May 2020 to June 2020  
San Francisco, CA

*Clever Counsel is a tech start-up Leveraging technology to address the justice gap*

- Developed full stack user friendly functionality for the application across multiple areas using React, Flask with SQLAlchemy, MySQL, and AWS
- Implemented and fully designed the front end and back end of the search functionality for the application used in multiple components
- Doubled front end test coverage using jest with api mocking
- Designed the front end and back end functionality for a user to write a note about a case
- Collaborated with a team of five engineers to upgrade the full stack code base for easier readability, ensuring long term success

### Projects

**Questions • Full Stack Software Engineer** July 2020 to Current

[GitHub](#) [Live App Demo](#)

*A Family Feud inspired game with a twist*

Built using: Javascript, ES6, React, Express, and PostgreSQL

- Questions home page has a select form for the user to choose a question to answer.
- Once the user has selected a question they are to decide who is on team 1 and who is on team 2.
- Once the teams have been decided, team 1 and team 2 each submit an answer. After that, the team with the highest voted answer starts!
- Once the starting team has been selected, that team has three chances to guess as many correct answers as they can. If that team hits three incorrect answers, it is the other team's turn.
- Every question has 6 answers, when all 6 correct answers have been guessed, the team with the highest remaining points wins that round!

**Jobly • Full Stack Software Engineer(Group)** June 2020 to Current

[GitHub](#) [Live App Demo](#)

*Job application site*

Built using: Javascript, ES6, React, Express, and PostgreSQL

- Jobly has login, register, and logout features. When logged in the user can see a list of companies hiring as well as a list of jobs to apply to.
- The user has a profile page where they can see their profile information as well as edit that information.
- Jobly's express backend uses a JWT to ensure a user is logged in otherwise they cannot see the companies, jobs, or profile page. Jobly's frontend stores the JWT in localStorage to authenticate and authorize the user logging in.
- Jobly's backend makes use of JSON schema to validate forms before any information is sent and saved to the database.

### Education

**Rithm School • Full Stack Web Development** Mar. 2020 to June 2020  
HTML, CSS, Javascript, Python, Flask, SQL, Node, Express, React, Redux

**Montclair State University • Bachelor of Fine Arts, Dance** Aug. 2011 to May 2015

### Contact

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### Skills

#### PROGRAMMING LANGUAGES

Javascript

Python

#### WEB DEVELOPMENT

HTML

CSS

Javascript

ES6

React

Redux

Node

Express

Flask

#### TOOLS & DATABASES

Git

PostgreSQL

MySQL

SQLAlchemy

### Non Technical Experience

**Corepower Yoga • Yoga Instructor**  
San Francisco, NYC, Boston  
2017 to 2020

- Lead a 5 week Yoga Sculpt teacher training to approximately 30 students in NYC, where I recruited 7 out of 14 participants
- Was given a 10% raise as a result of demonstrating great communication and customer service skills between myself and the clients

**Artichoke Dance Company • Dancer**  
NYC  
2016 to 2019

- Performed for over a thousand audience members across NYC at sustainability conscious and environmentally aware events.
- Created material for the whole company to use for over 20+ performances around NYC