# LOUISA L. JOHNSTON

Full-Stack Developer

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## Tech Stack

Python, JavaScript, CSS, HTML, SQL, Express.js, Next.js, PostgreSQL, React, Axios, EJS, node.js, Mongoose, and MongoDB

## SKILLS

Heroku, GitHub, Pygame, Adobe Photoshop, Adobe InDesign, Adobe Premiere, WordPress, Squarespace, NationBuilder, Google Analytics, Cargo, and Canva

## EDUCATION

### General Assembly
San Francisco, CA
*1/2021 — 4/2021*
Full-stack software engineering immersive

### Occidental College
Los Angeles, CA
*9/2013 — 5/2018*
Bachelor of Arts: Focus in Psychology

## CERTIFICATIONS

### Optimizing a Website for Search
UC Davis | Coursera

### HTML, CSS, and Javascript for Web Developers
Johns Hopkins | Coursera

## PROJECTS

### Bot Noggle
***Python, Pygame***

- Built a version of Boggle using Python and Pygame to render a 4x4 grid from a two-dimensional array of randomized letters corresponding to real Boggle dice
- Allowed users to check whether a given word exists in adjacent grid tiles (up, down, diagonally, forwards, and backwards)
- Inserted dictionary information into a trie data structure to check against user input and optimize the project's time complexity

### Paw-Tel (Group Project)
***ReactJS, Mongoose, MongoDB, and MERN auth***

- Designed a full-stack MERN app using complex authorization routes allowing users to register as either a pet owner or pet hotel owner to help pet owners connect with pet hotels
- Employed React components to render information from a local API pertaining to user-specific pets or hotels, depending on the authorization route, with the ability to update and delete data fields
- Saved user input through server-side Mongoose database using MongoDB

## WORK EXPERIENCE

### The People Concern, Los Angeles, CA          9/2018 — 7/2019
***Marketing & Communications Coordinator***

- Expanded the agency's social media following by a combined 15% across Facebook, Instagram, and Twitter over eight months
- Grew total monthly social media engagement by over 300% in that same period, using an analytics rubric weighted to favor the interactions most likely convert into donations

### Levitt Foundation, Los Angeles, CA          3/2018 — 8/2018
***Communications Intern***

- Created fifteen websites for Levitt AMP Grant Awards winners, including image assets, HTML support, and writing over 200 artist biographies