

LOUISA L. JOHNSTON

Full-Stack Developer

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LANGUAGES

Python, JavaScript, CSS3,
HTML5, SQL, Express.js,
Next.js, PostgreSQL, React,
Next.js, Axios, EJS, Node.js,
Mongoose, and MongoDB

SKILLS

Heroku, GitHub, Pygame,
Adobe Photoshop, Adobe
InDesign, Adobe Premiere,
WordPress, Squarespace,
NationBuilder, Google Ana-
lytics, 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 out of 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