LOUISA L. JOHNSTON

Full-Stack Developer

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LANGUAGES

Axios, CSS3, HTML5, ExpressJS, JavaScript, MongoDB, Mongoose, NodeJS, PostgreSQL, Python, ReactJS, SQl

SKILLS

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

EDUCATION

General Assembly
San Francisco, CA
9/2013 — 5/2018
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 pet owner or as a 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