Laura Sierra

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EDUCATION

University of California, Berkeley Full-Stack Software Development Certificate   **Berkeley, CA**
Immersive training program with an emphasis on Full-Stack Software Development   June 2022 - Present

University of Central Florida   **Orlando, FL**
Bachelor's in Digital Media: Web Design Track, Minor in Computer Science   May 2022
Graduated cum laude (GPA 3.8/4.0)

EXPERIENCES

University of Central Florida, *Research Assistant*   **Orlando, FL,** May 2020 – May 2022
- Developed the website and server of a platform that allows users to report dangers or inefficiencies within a city's street infrastructure
- Built the dashboard website to visualize report data and metrics using React
- Implemented Google's Maps API to display reports on a map
- Built APIs to get, filter, and push reports to the database
- Performed unit testing and documented project to ensure accuracy and ease of future development

4Degrees, *Software Engineering Intern*   **Chicago, IL**, Jan 2021 – Apr 2021
- Built an API to pull user-specific data from the database using Python
- Implemented a modal popup that allows users to link contacts of interest with investment deals
- Developed a functionality to tailor the onboarding experience based on user-specific data using JavaScript
- Inspected and modified the styling of components to ensure that the style remained consistent across the platform

PROJECTS

HAM – Hospital Appointment Manager   August 2022
- Invented a full stack application where a hospital's patients can digitally schedule appointments
- Built models and association using Sequelize and Node.js to establish the database and seed it with user data necessary for the app's functionality
- Created APIs for appointment creation and population of the user's profile page with their appointments

Yummy App   July 2022
- Developed an app that displays a list of five restaurants and a map with its locations depending on the user's inputs of city/zip code, food category, and price point
- Fetched data from the Yelp API for restaurants and Google's Maps API to display the restaurants on the map
- Utilized local storage to repopulate the screen with the user's previous search

Employee Tracker App   July 2022
- Built a command-line application to manage a company's employee database, using Node.js and MySQL
- Executed asynchronous functions to successfully retrieve and insert information from and to the database
- Utilized Inquirer.js to prompt user for actions: view employees, roles, and departments, and add and update information

SKILLS

Programming Languages: JavaScript, TypeScript, Java, PHP, C, HTML, CSS/Sass
Technologies: Node.js, React, Git, Bootstrap, Express, MySQL, MongoDB, REST APIs, AJAX