LYDIA NEWMAN-HEGGIE

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SUMMARY

Full stack developer creating sleek, intuitive user experiences with powerful capabilities. Interested in the logic and functionality side of applications, back-end development, and working with data.

TECHNICAL SKILLS

JavaScript, Express, React, jQuery, Node.js, MySQL, MongoDB, AWS, MVC framework, REST APIs

PROJECTS

FRIENDS SCHOOL OF MN PLANT SALE DATABASE | https://github.com/fsmn/plantsale
- Currently volunteering to help refactor code for the database for the largest plant sale in the midwest.
- Main duties include going through each file and refactoring to be more readable, and adding comments to confusing functionality. Writing code in PHP.

BUSI-MAN │ https://github.com/lnewmanheggie/Busi-Man
https://busi-man.herokuapp.com/
- Worked in a group to create a web application for small businesses to keep track of employees, inventory, and sales all in one place.
- Implemented a barcode scanner feature to add items to inventory and sell items using the Scan to Web phone app. Additionally was in charge of the login feature, which uses JWT for authentication, and the add employee feature, which allows managers to add employees and generates a random password for the employee that must be changed on first login.

CRIME TRACKER | https://infinite-savannah-89804.herokuapp.com/
https://github.com/mesgt/charmeleon
- Full-stack web application that allows users to view crime data for different states and the city of Denver, as well as enter their own crime data.
- Was responsible for rendering data on a map with the Google maps API. Data was sourced from FBI and U.S. census APIs, as well as data from a csv file accessed through mySQL database. Integrated geoJSON with the Google maps data layer to create clickable outlines of states.

EXPERIENCE

TEACHER | 11/2019 – 12/2020 | **Snapology,** Minneapolis, MN
Lead classes for k-8 students related to STEM and robotics, created lessons and improved lesson plans.
Key Accomplishment: Designed the 2021 summer camp brochure

ACT TUTOR | 9/2019 – 7/2020 | **Huntington Learning Center,** Blaine, MN
Prepared high school students for the ACT in all subjects, and tailored curriculum to meet individual student needs.
Key Accomplishment: Helped students improve scores up to 11 points.

MEDICATION SPECIALIST | 9/2018 - 12/2019 | **Wayside Recovery Center,** Minneapolis, MN
Supported women in addiction recovery and administered meds, including narcotics.
Key Accomplishments: Obtained CNA (certified nursing assistant) and TMA (trained medication aide) certification.

EDUCATION

Bootcamp Certificate: University of Minnesota, St. Paul, MN
A 12-week intensive program focused on gaining technical skills in HTML5, CSS3, JavaScript, jQuery, Bootstrap, Node.js, MySQL, MongoDB, Express.js, and React.

BA Degree (fine arts) **:** Oberlin College, Oberlin, OH