ISABELLE NELSON
Software Engineer
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SUMMARY
Dependable and self-motivated professional with experience working as an engineer. Seeking to start a career in software engineering as a web developer in a creative and challenging role. Certified engineer-in-training.

TECHNICAL SKILLS
- **Proficient**: Node, Javascript, React/Redux, Git, Express, Mocha, PostgreSQL, Sequelize, Bootstrap, Socket.io
- **Knowledgeable:** Babel, HTML5, CSS3, Chai

PROJECTS
Grace Hopper | *Software Developer* | https://grace-shopper-2103-ruby.herokuapp.com/   05/2021
An e-commerce web application featuring a product catalog, persistent user sessions, and a checkout process.
- Built the product model, order model, and user model using Sequelize
- Implemented backend routes using an Express Router to fetch user's orders
- Coded a front-end component in React to render the user's cart
- Tech Stack: JavaScript, Node, React, Redux, Sequelize, Express, Postgres, Bootstrap

For the Love of Theme Park Food | *Sole Developer* | https://ftlotpf.herokuapp.com/   05/2021
A web application that allows users to rate theme park food locations they have visited.
- Created restaurant, cuisine, review, dining experience, and user model using Sequelize
- Implemented backend routes using an Express Router to fetch restaurants, reviews, and user information
- Engineered a front-end component in React to allow users to add a review
- Incorporated the Google Maps API to show the location of a specific restaurant on a map
- Tech Stack: JavaScript, Node, React, Redux, Sequelize, Express, Postgres, Bootstrap, Google Maps API

VizWiz | *Software Developer* | https://vizwiz.herokuapp.com/   05/2021
A web application that allows users to upload CSV files and create graphs from them.
- Incorporated functionality for users to upload CSV files and have the data saved in JSON format
- Constructed the line chart and scatter chart components
- Executed sockets for users to collaborate on graphs and send messages while doing so
- Tech Stack: JavaScript, Node, React, Redux, Sequelize, Express, Postgres, MaterialUI, Socket.io

EMPLOYMENT
Indiana Department of Natural Resources, Indianapolis, IN   06/19-10/20
Hydraulic Engineer
- Reviewed and analyzed technical data in assigned projects, made recommendations on provided solutions
- Compiled and analyzed various hydraulic data, such as U.S. Geological Survey data and past flood data
- Reviewed construction and planning involving water resources; made field inspections as needed

EDUCATION
Fullstack Academy, New York, NY   05/21
Certificate in Software Engineering
- 17-Week Full Stack JavaScript Web Development Immersive

The Ohio State University, Columbus, OH   05/19
Bachelor of Science in Food, Agricultural, and Biological Engineering
- Relevant Courses: Statistics, Intro to Programming, Calculus Series, Linear Algebra, Differential Equations