CATHERINE MILANO

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Portfolio: https://katemilano.github.io/#/

SUMMARY

Software Engineer with an educational background in Textile Engineering from NC State University and a recent graduate from the UNC Coding Bootcamp. Looking forward to applying the skills of past work experiences and education such as problem solving skills, being a great team player, and being independently self motivated. Confident in bringing passion for learning new technology, creativity, and core technical skills in full-stack web development to help your team achieve its goals.

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript, jQuery, Bootstrap, APIs, JSON, AJAX, GitHub
Backend: Node Js, MySQL, MongoDB, Express, Handelbars.js & ReactJS

PROJECTS

Nights-In | https://github.com/JFunck1990/Nights-In | https://nights-in.herokuapp.com/
- This project creates a fun space for users to invite their friends to a virtual trivia game night.
- Core Responsibilities: All formatting and styling in React, HTML5, Bootstrap, and CSS.
- Used: ReactJS, Bootstrap, HTML5, CSS, JavaScript, MySQL, Heroku, and Nylas.

Dumbbells for Dummies | https://github.com/katemilano/project2 | https://project2-kate.herokuapp.com/
- This project allows travelers to find information on their destination in one local hub.
- Core Responsibilities: Formatting HTML5 with Bootstrap and CSS and adding in Covid API.
- Used: HTML5, CSS, JavaScript, jQuery, Bootstrap, Weather API, Restaurant API, and Covid API.

The Location Hub | https://github.com/zsmith4331/project1-team4 | https://zsmith4331.github.io/project1-team4/
- This project allows the user to search for exercise, generate a random exercise and save exercises to favorites.
- Core Responsibilities: All formatting and styling in HTML5, Bootstrap, and CSS; and using Express Handlebars.
- Used: HTML5, CSS, JavaScript, Express, HandleBars, AnimeJS, MySQL, Sequelize, and Exercise API.

EXPERIENCE

Cree Inc, Durham, NC   2020
Metrology Process Technician
- Managed 5 different metrology testing machines and analyzed their processes to make sure they were at the peak of testing and ran the best performance.
- Analyzed weekly data to improve measurements repeatability and reliability to improve yields and reduce costs in the Wafer Fab

Hanesbrand, Raleigh, NC   2018 - 2019
Senior Design Capstone Project
- Designed a one of a kind 3D printed shoe midsole with auxetic structures using Solidworks and Rhino.
- Created unique testing methods to express the tremendous amount of energy this shoe retained and its ability to be customizable for any user.

Hunter Douglas, Broomfield, CO   2018
Textile Engineering Intern
- Created a highly efficient process for the quality team, through writing code, which saved the engineering team an hour of time each day and allowed the process flow to be automated.

EDUCATION
- **Certificate in Full Stack Web Development:** University of North Carolina, Chapel Hill, NC
- **Bachelors of Science in Textile Engineering:** North Carolina State University, Raleigh, NC