Michelle Tyson

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Portfolio viewable at: https://michellety.github.io/MTportfolio

SUMMARY

Web Developer with a certificate in full stack development from UC Davis Extension. Capable of building dynamic applications and prototypes with appealing, intuitive designs. Flexible with collaborative group work and responsibility delegation.

TECHNICAL SKILLS

Databases: Firebase, MongoDB, MySQL

Designs: Adobe XD, inVision Studio, Lightroom, Photoshop, Procreate, Sketch

Languages: CSS, HTML, JavaScript

Libraries/ Frameworks: Bootstrap, Express, jQuery, Materialize, Node, React, npm

PROJECTS

Mimic Flashcard Generator: https://blooming-taiga-84648.herokuapp.com
- Customize flashcards for practicing Danish, Dutch, Portuguese, and Spanish
- Translate personal phrases and save to the account; phrases may be deleted
- Includes login authentication and password hashing
- Technologies used: MongoDB, Express, React, Node, JWT, Bcrypt, Google-Translate API, CSS

Existent-Shell Designs Art Store: https://existent-shell.herokuapp.com
- Responsive gallery displaying handmade products for purchase
- Click to view products on a larger scale
- Ability to add and remove items from a cart while calculating total cost
- Technologies used: Node, Express, Handlebars, Sequelize, Stripe API, CSS

Road Trip Planner: https://c-swizzle.github.io/Project-One
- Project with three other developers
- Displays road conditions, weather, and accommodation options
- AJAX calls gather the information about the entered location
- Technologies used: JavaScript, jQuery, Bootstrap, CSS, multiple APIs

EXPERIENCE

CA Department of Water Resources, Sacramento, CA   *2015 - 2017*

Fish and Wildlife Scientific Aid

- Expanded project for fish scale and otolith age analysis.
- Collected, organized, and analyzed water quality data while maintaining database accuracy.

Morro Bay National Estuary Program, San Luis Obispo, CA   *2015*
Restoration Intern

- Used technical equipment to evaluate solutions and compose a research paper.
- Followed study specific standard operating procedures and adhered to protocol level survey techniques.

EDUCATION

UC Davis Extension, Sacramento, CA

- *Full Stack Web Development Bootcamp;* 2019

California Polytechnic State University, San Luis Obispo, CA

- *Bachelor of Science, Biological Sciences;* 2015