Michelle Hettinger

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<https://github.com/MichelleHettinger> | <https://linkedin.com/in/MichelleHettinger> | <https://MichelleAHettinger.herokuapp.com/>

*Web developer able to build a sophisticated website with full database backend all the way from mockup to rollout. Adept at working with diverse teams to implement projects.*

**TECHNICAL SKILLS**

GIT command line, Github, HTML, CSS, Bootstrap, Materialize, JavaScript, jQuery, ChartJS, Node.js (express, express-handlebars), user authentication (JSONWebToken, cookies, Firebase), MySQL, NoSQL (Firebase and MongoDB), RESTful API, React, React-Native

**EXPERIENCE**

**Molecular Weight Calculator** (Orlando, FL) 2016

*Full Stack Developer*

* An app to quickly calculate the molecular weights of any chemical compound.
* Utilized React for DOM manipulation and logic.
* User authentication and NoSQL database with Firebase.
* Developed for Android with React Native.
* <https://react-molecular-weight.herokuapp.com/>
* <https://github.com/MichelleHettinger/MobileMolecularWeight>
* <https://molecular-weight-calculator.herokuapp.com/>

**Gift Buddy** (Orlando, FL) 2016

*Back End Developer*

* A web app that allows users to group up with their friends and family during the holidays to anonymously exchange gifts ala Secret Santa.
* Utilized Node.js and Express JS to handle routing and serve out views.
* Built custom ORM to perform post, get and update queries from MySQL.
* Accomplished user authentication and user sessions with the use of JSONWebToken and Cookies respectively.
* <https://github.com/hedbladucf/GiftBuddy/>
* <https://bootcamp-giftbuddy.herokuapp.com/>

**Danger Zone** (Orlando, FL)2016

*Front End Developer*

* Danger Zone is designed to alert travelers of potential disease outbreaks waiting for them at their desired destination. Traveler inputs a destination and selects a disease from the dropdown menu to pull graphical information on outbreaks in that country.
* Designed the layout with Materialize and utilized ChatJS to dynamically graph data retrieved by the World Health Organization API.
* <https://github.com/thomaszhang718/DangerZone>
* <https://frozen-earth-51098.herokuapp.com/>

**Eat-da-Burger** (Orlando, FL) 2016

*Full Stack Developer*

* A silly app utilizing an MVC with custom ORM to deliver an app where the users can create and eat their own burgers!
* Node.js with Express JS and Handlebars to handle routing and render the views
* MySQL database to create, read and update user input
* <https://github.com/MichelleHettinger/Eat-Da-Burger>
* <https://obscure-lowlands-65174.herokuapp.com/burgers>

**LIRI** (Orlando, FL) 2016

*Back End developer*

* Command line node app that returns tweets, song information or movie information
* Node.js, NPM Packages: Request, Spotify, Twitter
* App logs user commands
* <https://github.com/MichelleHettinger/Node-and-API>

**Jazz Trivia** (Orlando, FL) 2016

*Front End Developer*

* Think you know jazz? Test your knowledge with this timed 10 question quiz!
* JavaScript, JQuery, HTML5, CSS3, timed events
* <https://github.com/MichelleHettinger/Jazz-Trivia-Game>
* <https://jazz-trivia.herokuapp.com/>

**PREVIOUS EXPERIENCE**

**Chemistry Research Assistant** (Orlando, Florida) 2012-2015

* Completed advanced projects in chemistry to attain understanding of gold nanoparticles bound to polymer surfaces and the photocatalytic activity of metal-organic frameworks.
* Trained undergraduate(s) to perform duties and responsibilities such as:
  + Proper notebook keeping, performing inorganic chemical techniques and time-dependent experiments
  + Data analysis with the use of excel and specialized chemistry software
  + Communicate research progress via power point presentation
* Conducted research and performed said research that was included as part of two larger projects which were peer-reviewed and published.

**EDUCATION**

**University of Central Florida** Dec 2016

* Certificate in Web Development – UCF Coding Bootcamp

**University of Central Florida** May 2015

* B.S. Chemistry (3.7/4.0)