

# Charles Timothy Slone

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## Summary

Junior Full Stack Web Developer leveraging a Bachelor's degree in geology from North Carolina State University, 3+ years as an environmental consultant and a certification in Full Stack Web Development from the University of North Carolina Chapel Hill. Strong knowledge of front-end technologies including JavaScript, HTML CSS/Sass and React as well as back-end technologies such as MySQL, MongoDB, Node.js and Express. Passionate about solving complex problems, learning new things and developing quality software with a focus on UX/UI design and development.

## Education

**Full Stack Web Development Certificate** - The University of North Carolina at Chapel Hill  
**Bachelor of Science in Geology** - North Carolina State University

## Technical Skills

JavaScript, jQuery, JavaScript Frameworks (React/Angular), ECMAScript (ES6), HTML5, CSS3, CSS Preprocessors (Sass/SCSS), Bootstrap, Handlebars, Responsive Design, Version Control (Git), Node.js, Application Programming Interface (API), AJAX, JSON, Node Package Manager (NPM), MySQL, MongoDB, Express, MVC Design Pattern and Agile Development

## Projects

**Evently:** Github Repository: <https://github.com/ctslone/Evently> **App:** <https://evently2020.herokuapp.com/>

- Full stack React web application that utilizes Node, Express, Mongo DB, Square, Okta and MVC Design.
- Allows users to view, sign up and keep track of all events and programs that an organization is offering.
- Okta and Square allow for secure user and payment data across the app.

**What2Fix:** Github Repository: <https://github.com/ctslone/What2Fix> **App:** <https://ctslone.github.io/What2Fix/>

- Web application that provides detailed recipes using a list of user-entered ingredients.
- Shows local restaurants based on the user's current location.
- Fully mobile responsive.
- Built with JavaScript/jQuery, Materialize, HTML5, CSS3, Leaflet JS, Spoonacular API, Zomato API.

**Game of Thrones Trivia:** GitHub Repository: <https://github.com/ctslone/Trivia-Game> **App:** <https://ctslone.github.io/Trivia-Game/>

- Web based trivia game that asks the user a series of timed trivia questions based on timeouts and event listeners.
- Provides unique responses for correct and incorrect answers and final results.
- Built with JavaScript/jQuery, Bootstrap, HTML5, CSS3.

## Work Experience

**IT Specialist / Assistant Manager:** Seven Oaks Swim and Racquet Club; Raleigh, NC

**Aug 2019 to Present**

Assist in operations including pool chemistry, tennis court maintenance, staff scheduling and creating the facility newsletter. Responsible for managing all IT operations including but not limited to networks, phone systems, reservation software and payment software.

- Developed and implemented a successful multi phase plan for resuming operation of Raleigh's largest private outdoor recreation facility during Phase 2 of North Carolina's COVID-19 Reopening Plan with 48 hours of notice.
- Researched and pursued software for allowing members the ability to sign up for slots ahead of time, allowing the facility to stay within the capacity regulations set during Phase 2. Designed and built five sign-up sites using Sign Up Genius.
- Designed and installed a facility wide Wi-Fi network that provides high speed internet access to all members as well as allows for food and beverage orders to be taken anywhere on the facility by use of an iPad and Square.
- Built an Excel script with macros that audits the Sign Up Genius sheet against the current members list. Reduced the audit time from 20 minutes to five seconds.

**Teaching Assistant and Tutor:** Trilogy Education - Full Stack Web Development Program; Raleigh, NC

**May 2020 to Present**

Successfully aid in student development and provide a strong foundation for students to become successful Web Developers. Directly assist and teach students of varied academic backgrounds and age levels many of the fundamental and advanced skills of web development ranging from basic HTML/CSS wireframes, Git and bash commands to HTTP requests, JavaScript frameworks and Express routing.

- Hold one on one tutor sessions with students about topics that they are struggling with and make sure to get them comfortable and confident in the development environment.
- Observe and evaluate student performance and provide constructive feedback to all students to ensure that they are understanding all concepts being taught.

**Environmental Geologist:** AECOM; Morrisville, NC

**June 2017 to July 2019**

- Information provided upon request.