

# Daniel Nichols

## Full-Stack Developer

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(919) 698-0847 | [herrnichols@gmail.com](mailto:herrnichols@gmail.com) | LinkedIn: [Daniel-Nichols](#) | GitHub: [DanielCNichols](#) | [Portfolio](#)

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### Summary

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A full-stack developer and accomplished educator, I am passionate about using technology as a driver to deepen our insights and improve our quality of life. My five years of small business and nonprofit management experience along with my background as an educator gives me a unique perspective on development. I am looking for the opportunity to use my skills and experience as part of a goal-oriented, highly collaborative development team.

### Technical skills

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**Front End:** Javascript ES6, React, jQuery, HTML5, CSS3, NPM, Bootstrap

**Back End:** Node.js, PostgreSQL, TDD with Mocha and Chai, Restful APIs

**Additional:** Git, GitHub, Slack, Windows, Linux, Mac

### Projects

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#### ChoreRunner

[GitHub \(Client\)](#) | [GitHub \(API\)](#) | [Live](#)

A household management app that makes assigning and tracking household chores easy for parents and fun for kids. Users create a household, add members, create tasks, and award points to members for completing chores. Members of each household compete for the highest score, and as they accumulate points, gain levels and win badges to show their rank.

*Technologies: PostgreSQL, NodeJS, CSS3, React*

#### CleverGerman

[GitHub \(Client\)](#) | [GitHub \(API\)](#) | [Live](#)

CleverGerman is a spaced-repetition application that helps students master basic German vocabulary. As users are introduced to new words, the app assesses their proficiency with each word and adapts to give students more practice on tough-to-learn words.

*Technologies: PostgreSQL, NodeJS, CSS3, React*

#### TotSpots

[GitHub \(Client\)](#) | [GitHub \(API\)](#) | [Live](#)

TotSpots is a reviews and trip-planning application that helps new parents find kid-friendly places and events to hang out in their town. Parents can find need-to-know information about stroller accessibility, changing tables, and more. All ratings and reviews within the app are user-generated and vetted by the community through an upvote system.

*Technologies: PostgreSQL, NodeJS, CSS3, React*

#### MarkIT

[GitHub](#) | [Live](#)

Designed and developed a responsive Javascript bookmarking App. MarkIT allows the user to bookmark their favorite sites, complete with user-generated ratings for each site and the ability to sort filter based on user rating.

Technologies: HTML5, CSS3, Javascript, jQuery

## Appalachian Trail Quiz

[GitHub](#) | [Live](#)

Inspired by my own successful “thru-hike” of the Appalachian Trail in 2013, this app tests the user on their knowledge of AT culture and lore through ten multiple choice questions, ranking the user on their performance at the end of the quiz.

*Technologies: HTML 5, CSS3, Javascript, jQuery*

## Professional Experience

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### Teacher, 6th Grade English

*July 2016-July 2019*

C.W. Stanford Middle School, Hillsborough, NC

- Built strong relationships with a diverse cohort of over 130 students and their families each year
- Implemented data-driven strategies to coach students of all levels to success, meeting or exceeding expected growth measures each year
- Collaborated with a dedicated team of educators to create cross-curricular learning opportunities for students
- Planned and prepared engaging instructional activities to facilitate an effective learning experience

### Operations Manager

Kidznotes, Durham, NC

*October 2013-March 2016*

- Managed program-related processes to ensure a safe and orderly learning environment for 230 students aged K-12
- Supervised a staff of 26 faculty members at six program sites
- Created and managed faculty and program schedules, including 40 class sessions and group rehearsals per week
- Prepared grant reports for funding from foundations including D’Addario, The Mead Family, and the Mary Norris Preyer Fund, receiving awards totaling over \$70,000

### Account Manager/Brand Management

High Strung Violins & Guitars, Durham, NC

*June 2010-April 2013*

- Managed a rental program totaling over 700 accounts and 1000 instruments
- Independently proposed and implemented a Point of Sale system to assist in inventory management

## Education

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### Thinkful

*Projected: January 2020*

*Full-Stack Web Development Program / Engineering Immersion*

- Learned industry best practices and practical software development standards with a focus on HTML5, CSS3, JavaScript, jQuery, Node.js, React, Redux, and algorithms & data structures.
- Created and deployed mobile-first applications while learning new languages and frameworks by collaborating several hours every week with a senior web developer.

### NCTEACH, Teaching Licensure

*Completed: June 2016*

North Carolina State University

Content Areas: Middle Grades Language Arts, High School English

### Bachelor of Science, Business Administration

*Graduated: May 2010*

University of North Carolina at Greensboro

Minor: Economics

### Study Abroad

*January 2009-June 2009*

Universität Mannheim

Mannheim, Germany

## Achievements and Special Activities

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**Appalachian Trail Thru-Hiker**, *Class of 2013*

Start date: April 14, 2013, Springer Mountain, GA

End Date: Sept. 21, 2013, Katahdin, ME

**Boy Scouts of America**, *Eagle Scout*