MICHAEL NICHOLS

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EDUCATION

New Jersey Institute of Technology   September 2016 - May 2020
B.S. in Web & Information Systems, *cum laude*
GPA: 3.53

SKILLS

Languages	JavaScript, Python, HTML/CSS, PHP, ColdFusion, SQL, Java, C#
Tools	Node, React, Express, Redux, Vue, MongoDB, Laravel, Bootstrap, jQuery, Git

EXPERIENCE

Nextech   July 2019 - August 2019
Software Development Intern

· Designed and developed a React app that allows employees to compare the same table from two different versions of the company database, saving them time
· Implemented the comparison app into their database documentation site, allowing it to be used while looking up table information
· Updated company's database documentation React site with new formatting and updated site's packages to current versions

ARIDE   August 2018 - October 2018
PHP Intern

· Debugged the back-end of the product code to help with the initial launch of the app
· Contributed to the front-end design of the company website using PHP, JavaScript and HTML/CSS

PROJECTS

Housing Rent Calculator (Senior Capstone Project)

· Developed a web application that allowed healthcare providers to calculate aid for patients eligible under the HOPWA program
· Combination of React on the front-end and a ColdFusion API on the back-end that communicated with an SQL Server database running on an AWS instance

Mock Twitter Clone

· A recreation of Twitter that allows users to create/delete an account and send, delete and interact with tweets and replies.
· Front-end uses React with Redux & Hooks for state handling. Back-end uses Express to act as a REST API and interacts with a MongoDB Atlas Cluster using Mongoose.

BTMDB (Movie Reviews Site)

· Site for Lights, Camera, Barstool's Movie Review Database. Allows users to find reviews by title, director or genre. Reviews are sortable by filters and has different score categories available.
· Uses React on the front-end and gets data from a MongoDB Atlas DB by using an Express back-end. Also uses an external API to get movie posters for each review.

LEADERSHIP

Phi Sigma Kappa Fraternity (Joined Spring 2017)

· Member of the Executive Board for 2018 & 2019
· Completed 30+ philanthropy hours every year & helped raise over $3,000 for the Special Olympics in 2018 & 2019