MICHAEL NICHOLS

West Caldwell, NJ

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EDUCATION

New Jersey Institute of Technology   September 2016 - May 2020
B.S. in Web & Information Systems, *cum laude*
GPA: 3.54

SKILLS

Languages	JavaScript/TypeScript, Python, HTML & CSS, PHP, ColdFusion, SQL, Java, C#
Tools	Node, React, Express, Redux, PostgreSQL, MongoDB, Docker, Bootstrap, jQuery, Git

EXPERIENCE

Barstool Sports   November 2020 - Present
Front-End Software Engineer

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

PROJECTS

MovieRankings.net

· Full-stack site that lets users comb through 5000+ movie reviews using live-search and filters. Front-end in React and back-end API in Node with a PostgreSQL database.
· Each review includes information about the movie such as a short plot, who's in the cast, a trailer and where you can find it streaming.

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 plus 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.