

# MICHAEL NICHOLS

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## EDUCATION

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**New Jersey Institute of Technology**

*Graduated Spring 2020*

B.S. in Web & Information Systems

GPA: 3.53

## EXPERIENCE

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**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

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**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.

**Spotify User Habits Site**

- Allows Spotify users to view the songs/artists they listen to the most over a user-selected time-range.
- Uses a React front-end that makes requests to an Express back-end to send and receive data from the Spotify Web API.

## SKILLS

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**Languages**

JavaScript, PHP, HTML/CSS, Python, ColdFusion, SQL, Java, C#

**Tools**

Node, React, Express, Redux, Vue, MongoDB, Laravel, Bootstrap, jQuery, Git

## LEADERSHIP

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**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