Mitchel Wachtel

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Portfolio: **mitchelwachtel.me/portfolio-react**
Linkedin: **linkedin.com/in/mitchelwachtel**
Github: **github.com/mitchelwachtel**

OVERVIEW

- Successful math teacher turned developer
- Seeking job as a front-end, back-end, or full stack web developer
- Experience in React, HTML, CSS, JavaScript, Node, Express, Mongo, & MySQL.
- Experience leading teams and setting long-term goals
- Life-long learner with a strong work ethic

SKILLS

- Teaching & Explaining
- Team Collaboration & Leadership
- VS Code
- HTML, CSS, Bootstrap
- Javascript & jQuery
- React.js & Handlebars.js
- REST APIs
- GraphQL
- Node.js
- Express.js
- PWAs
- MySQL & Sequelize
- MongoDB, Compass, Mongoose
- Git & Github
- Slack
- Insomnia
- Google Drive/Docs/Slides/Sheets

EDUCATION

Georgia Tech Coding Bootcamp

December 2021 - June 2022

- **MERN Stack**
- **Foundations**: HTML, CSS, JS. Terminal Commands. DOM Manipulation. Integrating 3rd Party Libraries (Bootstrap, jQuery). RESTful APIs. Using JSON data.
- **Technical**: Backend Technologies. Node.js. MySQL. Express.js.
- **Performance**: NoSQL MongoDB. GraphQL. Improving app performance (Big O notation). Progressive Web Apps. Single Page React Apps. Data Structures. Algorithms. Redux.

Middle Georgia State University

Macon, GA - *BS Mathematics*

LANGUAGES

- Javascript
- HTML
- CSS
- React

PROJECTS & DEVELOPMENT EXPERIENCE

Snode {Code Snippets}   April 2022

- Collaboratively built full stack application. Incorporated a search feature for users to search for other user's posts in multiple ways. Gained experience with posting, retrieving and sorting data on the back end before it is rendered on the front end.
- **Links:** Deployed App, Repository
- **Technologies:** Github, JS, Express.js, Node.js, Handlebars.js, CSS, MySQL, Sequelize, CodeMirror

Gourmet Guru   February 2022

- Collaboratively built front-end web app gives the user the ability to quickly journal their favorite restaurants and dishes; information is retrieved and stored from Foursquare and Spoonacular APIs to bolster the user's log entry.
- **Links:** Deployed App, Repository
- **Technologies:** Github, HTML, CSS, Bootstrap, JS, jQuery, Foursquare API

Portfolio (React)   May 2022

- I built my original portfolio with HTML and CSS. I revamped my portfolio with React.js.
- **Links:** Deployed App, Repository
- **Technologies:** JS, React.js, HTML, CSS, Bootstrap

Tech Blog   April 2022

- My first full stack application. Users can post, update, comment, delete, and see others' posts. Working through this project was an epiphany moment on how the front and back end work together.
- **Links:** Deployed App, Repository
- **Technologies:** JS, Express.js, Node.js, Handlebars.js, CSS, MySQL, Sequelize

Social Network API   May 2022

- This is a back-end application using the Mongo database, mongoose, and express. This app builds an API for a social network. Users can be added, obtained, updated, and deleted. Users can post thoughts about other users, add other users to their friends list, and react to another user's thoughts. All of this is stored in the NoSQL MongoDB.
- **Links:** Video Walkthrough, Repository
- **Technologies:** MongoDB, node.js, npm, Express.js, dependencies: 'mongoose' and 'express'. Routes tested with Insomnia.

PROJECTS & DEVELOPMENT EXPERIENCE Continued

Employee Management System   March 2022
- This app is to be used to interact with your company's employee database. You have a table for your employees, departments, and roles. This app will allow you to view, add, update, and delete your employees, roles, and departments. Further, you can use this app to see the total salaries that have been committed for each department.
- **Links:** Video Walkthrough, Repository
- **Technologies:** mySQL, node.js, npm, dependencies: 'inquirer', 'cTable', & 'mysql2'

Weather Dashboard   February 2022
- Users are presented with forecast information in a convenient display upon search.
- **Links:** Deployed App, Repository
- **Technologies:** HTML, CSS, Bootstrap, JS, jQuery, OpenWeather API

Code Quiz   January 2022
- User is presented with a quiz that subtracts from the timer when questions are answered correctly. Time left after 5 questions is the user's score, which they can save locally.
- **Links:** Deployed App, Repository
- **Technologies:** HTML, CSS, Javascript

PROFESSIONAL EXPERIENCE

Academy For Classical Education
Macon, GA - *Math Teacher*   July 2014 - PRESENT
- **Teacher:** Algebra 1 and 2, Geometry, Precalculus, and AP Calculus
- **Technologies:** Google Suite, Infinite Campus, Desire2Learn, TI-Smartview
- **Math Department Chair:** August 2018 - present
- **Cross Country Team Head Coach:** July 2016 - November 2020
  - Coached both the girls and boys varsity teams at ACE. Each year from 2016 to 2020, I led at least one team to the state championship.
  - State Championship:
    - 1A Girls Varsity Runners Up - 2018, 2020
    - 1A Girls Varsity Champions - 2019
    - 1A Boys Varsity 4th Place - 2020
- **Math Team Head Coach:** July 2015 - Present
  - ACE Math Team annually competed in GA Math League and MGA hosted Math Olympics and Puzzle Competition.
  - Practices and Puzzle Competitions often focused on Algorithmic based problems giving students the mathematical foundation of Computer Science.
  - Many top performers of the math team each year went on to college to study Computer Science and some have attributed the Puzzle Competition as part of this inspiration.
- **STAR Teacher**
  - Academy For Classical Education - 2019, 2020, 2021
  - Bibb County - 2020, 2021
  - Middle GA Region - 2020. 2021

CERTIFICATIONS
- Codecademy:
  - **How to Code:** Apr 2021
  - **Learn Javascript:** Apr - July 2021
  - **Learn HTML:** Aug - Sept 2021
  - **Differential Calculus:** Sept 2021
  - **Learn Intermediate Javascript:** Oct 2021
  - **Learn CSS:** Oct 2021
  - **Learn jQuery:** Nov 2021
- GACE: Mathematics I and II
  - Secondary Math Education
- Gifted Education Certification
- College Board AP Certification: Calculus