

# Alex Coulter

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**Portfolio:** <https://alexcoulter.github.io/react-portfolio/>

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## SUMMARY

Full Stack Developer with extensive experience in information technology and responsive web development. Commended for my diagnostic skills and general computer systems knowledge working as an IT Technician. Learned website development on my own using online resources and built and launched a responsive business website. A self-motivated problem-solver with experience demonstrating flexibility and adaptability in complex situations, which developed the skills needed to be a successful web developer.

## TECHNICAL SKILLS

**Programming Languages:** HTML, CSS, Javascript, Node.js

**Database Management:** Mysql, MongoDB

**Libraries / Frameworks:** jQuery, Bootstrap, Express, Sequelize, Handlebars, Mongoose, React, Redux

## EDUCATION

**University of North Carolina Certificate in Full Stack Web Development:** Chapel Hill, NC | 2020

**Full Stack Web Development Certificate**

**University of North Carolina:** *Chapel Hill, NC*

**Bachelor of Science** - Psychology

## PROJECTS

**Healthcare Pro** | <https://github.com/gwlee244/project3> | <https://project3-healthcarepro.herokuapp.com/>

- Role-based Full Stack application that allows doctors and patients to log in to separate portals and interact with one another.
- Implements JSON Web Tokens for authentication and to ensure that information in the database is protected.
- Utilizes React and Redux to divide parts of the UI into separate components.

**Quaranstream** | [github.com/alexcoulter/quaranstream](https://github.com/alexcoulter/quaranstream) | <https://quaranstream.herokuapp.com/>

- Full Stack application that supplies users with activities to occupy their time during the Coronavirus quarantine.
- Implements three external API's to provide suggestions for video games, music, tv shows, and movies that users may like.
- Saves user information and preferences in the mysql database for easy access when they log back in.

**Pet Adoption App** | [github.com/alexcoulter/Furry-Friend-Finder](https://github.com/alexcoulter/Furry-Friend-Finder) | [alexcoulter.github.io/Furry-Friend-Finder](https://alexcoulter.github.io/Furry-Friend-Finder)

- Web application that parses JSON data from four different API's to retrieve local pets in need of adoption and display relevant information and pictures.
- Dynamically adds maps and directions on request to easily locate a pet in need of a new home.
- Uses client-side validation to make sure user inputs align with the external API criteria for each value to minimize server calls and save time.

## EXPERIENCE

**IT Technician**  
**Fisher-Fisher Realty**

*2016 - Present*  
Chapel Hill, NC

Ensured all company computer and network needs were met. Troubleshoot and fixed software problems and install new hardware when necessary.

- Successfully updated property management software from server-based to cloud-based; resulted in all company data being backed up and the organization's ability to use the most recent technologies.
- Installed new computers for employees and seamlessly updated them with all the same software, hardware, and preferences as the old CPUs.

**Manager / Bartender**  
**The Federal Bar and Restaurant**  
Durham, NC

*2014 - 2019*

Delegated responsibilities and lead by example to make sure that the restaurant ran smoothly and the customers received the best possible service.

- Learned to quickly and effectively adapt to new situations in a fast-paced industry.
- Demonstrated leadership and cooperation by acting as the supervisor for as many as 7 fellow employees at any time.