

## SUMMARY

Recent bootcamp graduate with prior experience coding in both development and design seeking Front End Development or related positions available. Currently collaborating in several group projects to enhance my knowledge and expand my network. Effective and friendly communicator who can collaborate with people at all organizational levels to achieve company objectives. Creative team member who finds intuitive methods to continually increase team's throughput. My key strengths include

- HTML5
- CSS3
- JavaScript
- MERN
- APIs
- MySQL, noSQL
- Responsive Design
- Mobile Friendly

## PROJECTS

**Super Pantry Buddy** | [superpantrybuddy.herokuapp.com/](https://superpantrybuddy.herokuapp.com/) | [github.com/Super-Pantry-Buddy/spb](https://github.com/Super-Pantry-Buddy/spb)

SPB is a full-stack MERN application using React Router and following the MVC Paradigm. With authentication of users for a personal experience while finding recipes really sets this apart from my previous projects.

**Role in Project:** Front and Back-end Development, OAuth setup, React State

**Technologies Used:** React, MongoDB, Mongoose, ORM, Express, OAuth, Bulma CSS Framework

**Red Planet Voyagers** | [team-5-project-2.herokuapp.com](https://team-5-project-2.herokuapp.com) | [github.com/mathcodes/Project-2](https://github.com/mathcodes/Project-2)

Login and choose whether or not you would like to receive automated email updates for upcoming SpaceX launches. Browse the site to find a 5-day weather report graphed by me using ChartJS.

**Role in Project:** Improved user experience using Handlebars to give life to the UI, learned and implemented a manually-styled bar graph using ChartJS

**Technologies Used:** Node, Express, Handlebars, MySQL, Sequelize ORM, GET and POST routes, MVC

**Book-Search** | [jonsbooksearch.herokuapp.com/](https://jonsbooksearch.herokuapp.com/) | [github.com/mathcodes/Book-Search](https://github.com/mathcodes/Book-Search)

All the experience using APIs and my intense focus on mastering React made this experience relatively smooth and showed me I have what it takes to build full-stack web applications.

**Role in Project:** Utilized Google API to find books based on user input.

**Technologies Used:** MongoDB, Express, React, Node, Axios, MVC Paradigm, Mongoose, ORM

## PROFESSIONAL DEVELOPMENT

- Certified Full-Stack Developer – UNC-Chapel Hill Coding Bootcamp
- Certified Training in HTML5 + CSS at Durham Tech
- Professional Training in Online Education: MathML, Python, LaTeX, UI
- LinkedIn Learning, Pluralsight, Code Academy, and Udemy Certifications

## EDUCATION

**University of North Carolina at Chapel Hill, BA Mathematics**

**Chapel Hill, NC** 2001 – 2005

**University of North Carolina at Chapel Hill, Coding Bootcamp**

**Chapel Hill, NC** 2020

## PROFESSIONAL EXPERIENCE

Marnel Pharmaceuticals, *Territory Sales Specialist*

**NC and VA** 2019-2020

- Performed data and statistical analysis to manage time and costs as efficiently as possible
- Optimized time, saved money, and increased the company's ROI using my tech skills

Audi Cary, *Sales Representative*

**Cary, NC** 2017-2019

- Received 100% satisfaction from 94% all my customer's CSI surveys
- Awarded top salesman within a year based on a 90-day average

TE21, Inc., *Math Curriculum Specialist*

**Durham, NC** 2017-2019

- Created, edited, and proofed K-12 online test items using HTML, CSS, JS, LaTeX and MathML
- Collaborated with a team of 5, programmed macros increase productivity while reducing errors

PACE Academy, *HS Math Teacher*

**Carrboro, NC** 2017-2019

- Increased the Math Department's EOC score from 0% to 100% in first year
- Awarded "Teacher of the Year" 2006-2007