

# Jason F. Moxley

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## EDUCATION

**UNIVERSITY OF NORTH CAROLINA at Chapel Hill**  
**B.S. in Computer Science**

Expected December 2020

## RELEVANT COURSEWORK

### Computer Science

Introduction to Programming • Foundation of Programming • Data Structures • Computer Organization • Discrete Structures  
Models of Languages and Computation • Algorithms and Analysis • Modern Web Programming  
Introduction to Computer Security • Serious Games • Files and Databases (Fall 2020)  
Introduction to Machine Learning (Fall 2020)

### Mathematics

Multivariable Calculus • Linear Algebra • Introduction to Probability

## TECHNOLOGIES / SKILLS

HTML • CSS • JavaScript • TypeScript • jQuery • React • Redux • Java • Unity • C# • Python • SQL • C • Git

## PROJECTS

*Links to github repositories, demos, and deployed versions can be found at [jasonmoxley.netlify.app](https://jasonmoxley.netlify.app)*

### HOMEWORK TRACKER

*A simple web app for students to keep track of upcoming assignments and deadlines*

- Built using React and Redux to help handle state change
- Uses firebase for authentication and for the database
- Styled using CSS and Semantic-UI

### MARCH 2 OZ

*A Wizard of Oz themed game to help teach biology students at UNC-CH about cell membrane permeability and voltage*

- Lead a team of 3 other students to develop a game under the guidance of a UNC biology professor
- Build using Unity and C#
- Met multiple times per week with team members, biology professor, and computer science professor

### CLASS REGISTRATION WEB APP

*Codedveloped a web app to conveniently view available classes and dynamically view major/minor requirements*

- Gathered data from websites for class information and availability using Python
- Built using JavaScript, jQuery, HTML, CSS, and Bulma

## WORK EXPERIENCE

**UNC PRINT STOP AND COPY CENTER** – Chapel Hill, NC

Spring 2017 – Fall 2019

### Student Employee

*Offered printing and copying services for students, faculty, staff, and departments of UNC Chapel Hill*

- Worked in sales at the front counter to help customers
- Fulfilled orders placed by professors, students, or UNC affiliated staff
- Billed UNC Departments for orders placed

## ATHLETICS / INTERESTS

UNC Club Tennis, Golf, Surfing, Computer Hardware (built my own computer), Video Games