Jason F. Moxley

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EDUCATION

UNIVERSITY OF NORTH CAROLINA at Chapel Hill   Expected December 2020
B.S. in Computer Science

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 • Git • C

PROJECTS

Links to github repositories, demos, and deployed versions can be found at 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
- Worked as part of a team 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
Codeveloped 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