

Robert McCollough

828-458-3801 // admin@robmccollough.com // www.robmccollough.dev

EDUCATION

University of North Carolina at Chapel Hill

August 2017 - Present

Bachelors of Sciences in Computer Science, Class of 2020

GPA: 3.12

Relevant Coursework: Object Oriented Programming, Computer Organization and Design, Data Structures, Theory of Computation

TECHNICAL SKILLS

Programming Languages: Java, C, C++, Python, MIPS Assembly, Unix

Operating Systems: OS X, Windows, Linux

Web Development: JavaScript, HTML, CSS,

Software: Microsoft Excel, Adobe Illustrator, AutoDesk Fusion 360, Photoshop

PROJECT EXPERIENCE

RobMcCollough.dev

March 2017 - Present

Personal Project

- Maintain a website with a DNS provider to host resume and other projects using **HTML**, **CSS** and **Javascript**
- Integrated with Github Pages to allow for easy project and website code version management

Word Generator

September 2018

Personal Project

- Created a **Javascript** program within the **p5.js** framework to generate and display all English words of any length from an input string
- Hosted on Github and personal website using **HTML** and **Javascript**

RELATED EXPERIENCE

Beatty Robotics - Asheville, NC

May 2015 - May 2016

Internship

- Worked as member of a 4 person team to design and construct a Mars Rover Robot for the NY Science Museum
- Required to meet deadlines and stay on schedule to have the product ready for the exhibit opening
- Programmed microcontrollers using **C++** to control movement and audio/visual feeds, and designed parts with CAD

ACTIVITIES

Top of the Hill Restaurant and Brewery, Chapel Hill, NC

December 2016 - Present

Runner

- Maintain organization of orders and communicate with kitchen staff to ensure accurate and complete fulfillment of each ticket
- Requires attention to detail, effective communication, timeliness, and customer service skills

Sigma Nu Fraternity, Psi Chapter, Chapel Hill, NC

November 2016 - Present

Historian

- Assist in maintaining accurate and organized accounts of chapter activities
- Communicate effectively and professionally with alumni to aid in fundraising

Computer Science Club, UNC Chapel Hill

October 2018

- Participated in the planning and execution of HackNC 2018
- Coordinated with sponsors and teams to organize judging and final vote