Amanda Gustafson

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Education

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
BA in Computer Science | May 2020
Honors: Dean's List, Tau Sigma Honor Society
GPA: 3.4/4.0
Relevant Coursework: Modern Web Programming (in-progress), Computer Security Concepts (in-progress), Data Structures, Mobile Computing Systems, Practical Web Design and Development

Skills

- Programming Languages: Java, Rust, C, TypeScript, MIPS assembly code, JavaScript (currently learning)
- Responsive web design using HTML5 and CSS
- Android app development in Android Studio
- Data structures, object-oriented programming

Related Experience

WEB DESIGN INTERN, *(June 2019 - August 2019),* Townsquare Interactive, Charlotte, NC
- Created seven custom websites using SEO best practices for business owners to engage clients using **HTML** and **CSS**
- Edited hundreds of current client websites to increase website traffic and created a butter user interface
- Led training sessions on newest technologies to increase communication between departments

RESEARCH ASSISTANT, *(August 2019 - present),* UNC School of Education, Chapel Hill, NC
- Develop and refine interactive web applications for middle school classrooms using **HTML**, **CSS**, and **JavaScript**
- Test applications for classroom use during research observation periods

Projects

PLOTTING SENSOR DATA, Android app
- Graphed sensor data (current, mean, and standard deviation) in real-time using **Java** in **Android Studio**
- Created internal timing system to keep accurate measurement on time on the x-axis
- Created animations that change once the data passes a given threshold

MED CONTROL, Android app
- Used **Java** to create app that tracks user's current and past medications using an **SQLite** database
- Allows user to set alerts to take their medication at certain times

ERIC'S NUT BUTTERS WEBSITE, project website
- Created website using **HTML5** and **CSS** for client's small business

Additional Experience and Activities

LEARNING ASSISTANT, *(August 2019 - present),* UNC Department of Computer Science, Chapel Hill, NC
- Hold seven office hours a week to guide students through problems sets and object-oriented programming concepts

DIVISION I STUDENT ATHLETE, *(September 2018 - May 2019),* UNC Women's Rowing**,** Chapel Hill, NC
TRANSFER STUDENT AMBASSADOR, *(February 2017 - May 2019),* UNC-Chapel Hill**,** Chapel Hill, NC
TUTOR & OFFICE VOLUNTEER, *(February 2017 - May 2017),* El Centro Hispano de Carrboro**,** Carrboro, NC