

Amanda Gustafson

agustafson52@gmail.com
(360) 213-5469

aegustaf.github.io
linkedin.com/in/aegustafson

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

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

TEACHING ASSISTANT, *(August 2019 - present)*, Girls Who Code, Chapel Hill, NC

- Assist middle to high school-aged students with programming concepts taught in weekly lessons

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