

# Amanda Gustafson

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## Education

### UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

BA in Computer Science | Spring 2020

Honor: Dean's List, Tau Sigma Honor Society

GPA: 3.4/4.0

Relevant Coursework: Modern Web Programming (in-progress), Computer Security Concepts (in-progress), Files and Databases (in-progress), Data Structures, Mobile Computing Systems, Practical Web Design and Development

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## Related Experience

### WEB DESIGN INTERN, *(June 2019 - present)*, Townsquare Interactive, Charlotte, NC

- Created seven custom websites using SEO best practices for business owners to engage potential and current clients
- 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

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

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## Skills

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

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## Projects

### PLOTTING SENSOR DATA, Android App

- Graphed sensor data (current, mean, and standard deviation) in real-time
- 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

### PERSONAL WEBSITE

- Created website using HTML5 and CSS to showcase resume, internship accomplishments, and link to other projects

### ERIC'S NUT BUTTERS WEBSITE, project website

- Created website using HTML5 and CSS for client's small business

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## Additional Experience and Activities

**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