

# NOAH G. MERENBLOOM

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<https://github.com/nmerenbloom>

## EDUCATION

**University of North Carolina at Chapel Hill** – Chapel Hill, NC

May 2021

*Bachelor of Arts* in Computer Science and Peace, War, & Defense (double major), *Minor* in Conflict Management

**GPA: 3.489**

- Honors – University of North Carolina Dean's List
- Study Abroad – Intensive four-week program in Florence, Italy over summer 2019

## SKILLS

**Programming Languages/Libraries:** Java, C, MIPS, Typescript, JavaScript, HTML, CSS, Angular 9, React, SCSS

**Data Structures:** Linked List, Binary Search Tree, Minimum Binary Heap, Splay Tree, Directed Graph

**IDEs/Software:** Eclipse, Visual Studio Code, Node.js, npm, Ubuntu, yarn, CircleCI, Redux DevTools, Jest testing framework

**Certificates:** 33-hour Angular 9 course by Udemy.com

## WORK EXPERIENCE

**Zuudoo.com** – Raleigh, NC

February 2020 – Present

*Web App Development Intern*

- Developed and integrated over 5000 lines of code for Zuudoo.com using **Angular 9**, HTML, SCSS, and Typescript
- Trained and assigned tasks to 3 QA interns to help me test and resolve over 200 bug-fix and enhancement tickets
- Tested web and mobile functionality using cross-browser testing platforms and by coding **Jest unit tests**
- Maintained team communication and a stable code-base by using Microsoft Teams, GitHub, and **git** CLI commands
- Operated in an **Agile** development cycle, contributing technical and product-related insight at daily-standup meetings

**DISH** – Denver, CO

Summer 2020

*Software Engineering Intern*

- Received an internship offer in spring 2020. Summer internship was cancelled by DISH due to COVID-19

**Carolina Performing Arts** – Chapel Hill, NC

February 2018 – February 2019

*House Staff Usher*

- Directed and assisted up to 1200 patrons nightly, ensuring the best possible experience for each
- Instructed and monitored 10 new ushers in evacuation protocol, venue-upkeep, and performance operations
- Prepared venues to meet performance-specific demands and to accommodate patrons with disabilities

## RELEVANT PROJECTS

**Recipe-Book Angular App**

May 2020

- Engineered an Angular 9 app with fundamental features such as authentication, routing, HTTP functions, and forms
- Utilized Firebase as a back-end solution and used **RxJS** alongside **NgRx** to robustly handle data and application state
- Designed an intuitive UI using HTML/CSS and styling libraries including **Bootstrap** and Font Awesome

**Interactive Twitter Application**

December 2019

- Developed a fully functional, Twitter-style web application with a **JavaScript** and **JQuery** powered front-end
- Implemented AJAX-based requests for JSON formatted payload from a **RESTful** back-end server

**Data Structure Implementations**

August 2018

- Used **Object Oriented Programming** and **Java** to implement various time-efficient data structures
- Analyzed data structures to determine the fastest algorithm to **sort** and manipulate data sets

## LEADERSHIP AND COMMUNITY INVOLVEMENT

**UNC Judicial Branch** – Chapel Hill, NC

September 2019-Present

*Associate Justice of the Student Supreme Court*

- Confirmed by the 101<sup>st</sup> Undergraduate Senate after 4 favorable hearings and interviews, for a term lasting to graduation
- Presided over the interviews of 29 candidates for Executive branch officer appointments, ensuring objectivity and fairness

**Alpha Epsilon Pi Fraternity** – Chapel Hill, NC

October 2018 – October 2019

*Vice President*

- Allocated and managed a \$10,000 budget to coordinate and execute professional events during biannual Parents Weekends
- Coordinated 2 philanthropy events that raised \$3750 and over 200 articles of clothing for donation
- Organized a Gift of Life swab-drive that resulted in matching a fraternity member with a patient needing bone marrow
- Interviewed candidates for committee appointments, screening for dedication to the role and the ability to work with others