

# NOAH G. MERENBLOOM

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<https://github.com/nmerenbloom>

## EDUCATION

**University of North Carolina at Chapel Hill** – Chapel Hill, NC  
*Bachelor of Arts* in Computer Science and Peace, War, & Defense

May 2021

**GPA: 3.489**

- Minor – Conflict Management
- 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, Typescript, JavaScript, HTML, CSS, MIPS, Angular 9

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

**IDEs/Software:** Eclipse, Visual Studio Code, MARS, Node.js, npm, PuTTY, Ubuntu

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

## WORK EXPERIENCE

**Zuudoo.com** – Raleigh, NC

Feb. 2020 – Present

**Software Engineering Intern**

- Engineered and debugged components of Zuudoo.com using **Angular 9**, HTML, CSS, and Typescript
- Tested website functionality manually and programmatically via cross-browser testing and by writing **unit tests**
- Integrated and tested over 50 bug-fixes and enhancements to Zuudoo.com using GitHub and **git** CLI commands
- Operated in an Agile development cycle, contributing technical and product-related insight at daily-standup meetings

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

Feb. 2018 – Feb. 2019

**House Staff Usher**

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

## RELEVANT PROJECTS

**Allergy Eats App**

December 2019

- Collaborated with a team of four to develop a filterable database of Chapel Hill restaurants to aid those with allergies
- Integrated front- and back-end development to produce a reactive and aesthetic user experience, using **React**
- Provided clients with functionality to create an account, login, and store user-specific data on a back-end server

**Interactive Twitter Application**

November 2019

- Developed a fully functional, Twitter-style web application with a **JavaScript** powered front-end
- Implemented AJAX-based requests for JSON formatted payload from a **RESTful** back-end API server
- Designed an intuitive UI using **HTML/CSS** and CSS frameworks including Bulma and Font Awesome

**2048 Web-Based Game**

October 2019

- Employed the **Model-View-Controller** design pattern to create a web-based version of the game 2048
- Applied **JQuery** for streamlined DOM traversal, element manipulation, and event handling

**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 two favorable committee hearings and interviews
- Demonstrated an extensive knowledge of and ability to interpret and apply the Student Code without bias
- Installed by the Student Body President to a term, which lasts until graduation

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

Oct. 2018 – Oct. 2019

**Vice President**

- Allocated a \$10,000 budget to produce the smoothest and most professional events during our biannual Parents Weekends
- Coordinated philanthropy events that raised \$3750 and over 200 articles of clothing for donation
- Drafted the Chapter's first ever by-laws in pursuit of increased Executive Board transparency and consistency
- Interviewed candidates for chair and committee appointments and selected the most qualified applicants for the job