

NOAH G. MERENBLOOM

Software Engineer

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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: 3.53

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

SKILLS

Languages: JavaScript, Typescript, Python, Java, C, C#, SQL Verilog, MIPS

Front-end Tools: React, Angular 9, HTML, CSS, Node/ExpressJs, npm, Yarn, Postman, Jest, CircleCI

IDEs/Software: VS Code, Visual Studio, Microsoft SQL Studio, Eclipse, MARS, Vivado, Ubuntu/Linux, PuTTY

Certificates: 33-hour Angular 9 course by Udemy.com; **LinkedIn Learning Courses:** SQL, C#, ExpressJs, ASP.NET

WORK EXPERIENCE

United States Forest Service – Walla Walla, WA

Summer 2023

Wildland Firefighter (FFT2)

- Safely operated fire engines, chainsaws, hand tools, water pumps, and radios at 5 wildfires ranging from 1 to 250 acres
- Earned certifications in **First Aid/CPR**, chainsaw usage, and wildfire behavior via 60+ hours of lecture and field training

CoStar Group – Washington, DC

Software Engineer

September 2022 – June 2023

Associate Software Engineer

July 2021 – September 2022

- Developed responsive **React.js** webpages for Costar's **in-house CRM software**, which tracked clients, sales, usage, etc.
- Engineered and owned an e-commerce app that facilitated 1000+ sales per month and **\$100,000+ in monthly revenue**
- Built an **MFE template** with standardized **state** and **API** patterns from which all future projects were bootstrapped
- Contributed to 10+ apps leveraging **Typescript**, **JavaScript**, Yarn, React, **Node/ExpressJs**, SQL, **GraphQL**, and **Elastic**
- Created reusable **React** components via Typescript, HTML/TSX, and modern front-end libraries like **tailwindcss**
- Maintained team communication and a stable code-base by using Microsoft Teams and TFS, Outlook, and **git** CLI

Zuudoo.com – Raleigh, NC

February 2020 – November 2020

Software Engineering & QA Intern

- Developed and integrated over 5000 lines of code using **Angular 9**, HTML, SCSS, and Typescript
- Trained and assigned tasks to three QA interns to assist in testing over 220 bug-fix and enhancement tickets
- Tested web and mobile functionality using cross-browser testing platform **LambdaTest** and by coding **Jest unit tests**
- Operated in an **Agile** development cycle, contributing technical and product-related insight at daily standup meetings

DISH Network L.L.C. – Englewood, CO

Summer 2020

Software Engineering Intern

- Accepted 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

RELEVANT PERSONAL PROJECTS

Countries Full-stack App

January 2022

- Engineered a modern web app with a **React** front-end, **Node/ExpressJs** BFF layer, and a **SQLite** database backend
- Containerized the app using **Docker** and deployed the app using GitHub and a Microsoft **Azure** hosting server

PlayGround/Portfolio Angular App

May 2020

- Engineered an Angular 9 app with features such as routing, public **REST API** consumption, and geolocation
- Utilized **Firebase** as a back-end solution and used **RxJS** alongside **NgRx** to robustly handle data and application state

LEADERSHIP AND COMMUNITY INVOLVEMENT

UNC Judicial Branch

September 2019 – May 2021

Associate Justice of the Student Supreme Court

- Confirmed by the 101st 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