

EDUCATION

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

May 2023

Computer Science (B.S); minor in Statistics

- Tar Heel Merit Scholar

EXPERIENCE

Google – Seattle, WA

May 2022 - August 2022

Software Engineer Intern

- Improved an existing internal tool for engineers to understand and locate android bug logs.
- Reduced the total load time from data parsing to UX display by 10x.
- Provided a stable and secure application, significantly reducing app crashes and freezes.
- Designed and implemented a user friendly, accessible interface to allow engineers to identify current bugs quickly and efficiently.
- Created infrastructure to allow for any file size uploading, an improvement over the original version's 100MB limit.

UNC Baseball – Chapel Hill, NC

January 2022 - Present

Project Lead

- Provide leadership to 4 student data analysts within the UNC Baseball program. Lead recurring meetings to produce weekly reports for the baseball coaching staff.
- Analyze captured pitching and hitting high-speed video and quantitative data using TruMedia and R.
- Compile data into accessible and comprehensive reports for the coaching staff to utilize to understand places for athlete improvement.

Google – Remote

May 2021 - August 2021

Student Training in Engineering Program (STEP) Intern

- Created an internal full-stack web application to query a cache of over 16 million airline markets and provide data in a comprehensive and readable way.
- Implemented filter functions, allowing the user to quickly access the most pertinent data in a quick and efficient matter.
- Organized and lead design documentation meetings to allow for proper tracking of work items and blockers.

LEADERSHIP AND COMMUNITY INVOLVEMENT

Black in Tech – Chapel Hill, NC

November 2021 - Present

- Meet biweekly with other students of color in tech to discuss topics in tech.
- Attend networking events, resume workshops, and give advice to younger students of color.

Carolina Fever – Chapel Hill, NC

April 2021 - Present

- Manage over 20,000 student point totals in a Caspio database.
- Responsible for swiping hundreds of students in and out of Carolina sports games every week.

PROJECTS

xgBot (@nhlxgBot)

- Created a twitter bot built in python and hosted on AWS that draws NHL goals on an image of a rink in real time.
- Built a ML model that scraped over one million NHL events and used gradient boosting to create a classifier with an AUC of 0.759. Assigns probabilities to every NHL goal in real time based on a multitude of variables such as the location of a shot, previous event, etc.

SKILLS

- Java, TypeScript, Angular, Python, JavaScript, Tableau, and R.
- Git, AWS, MongoDB