

Andrew Li

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EDUCATION

University of North Carolina at Chapel Hill

May 2022

Bachelor of Science in Computer Science; Statistics and Analytics Minor

Chapel Hill, NC

- **GPA:** 3.56/4.00
- **Relevant Coursework:** Computer Organization, Discrete Mathematics, Linear Algebra, Algorithms, Files and Databases, Modern Web Programming, Bioalgorithms, Operating Systems, Programming Languages

Raleigh Charter High School

June 2018

Raleigh, NC

- **GPA:** 5.40/6.00
- **Honors:** National AP Scholar, AP Scholar with Distinction, National Merit Scholar, Valedictorian
- **Relevant Coursework:** AP Statistics, AP Calculus, AP Physics C

SKILLS

Languages: English, Chinese (conversational), Spanish (limited working)

Programming: Proficient in JavaScript, Java, Python, MIPS, HTML, CSS, React.js, SQL, Docker

Interests: Logic puzzle games, Rock climbing, Ultimate Frisbee, Football, Weightlifting, eSports

PERSONAL PROJECTS

Trivia

November 2020

- Designed and built an online trivia game using a **React** and **Firestore** tech stack that stores, creates, and updates secure user data with authentication in **Javascript** styled with React **Bootstrap**.
- Implemented efficient use of an external API to pull question and answer data quickly and securely.

UltiDB

May 2020 – Present

- Collaborated with other developers to begin creating an accessible and complete Ultimate Frisbee database in order to make statistical analysis and historic fact checking easier for enthusiasts of the sport.
- Integrated a React frontend with **Django REST** framework to create a clean and modern software experience.

WORK EXPERIENCE

Secmation, Software Engineering Intern – Raleigh, NC

May 2021 – August 2021

- Designed and refined UI/UX frontends for two projects, then tested and built **Dockerized** React.js web-apps while integrating **JFrog Artifactory** and Django REST APIs.
- Coordinated workload and project planning with a software team using agile and Scrum strategies.

PT Wired, Physical Therapy Model – Morrisville, NC

June 2019 – Present

- Demonstrated a variety of physical therapy exercises to be recorded and uploaded as guides totaling over 1700 exercises and comprising over a third of PT Wired's video library.
- Developed new procedure for shooting aquatic exercises by utilizing UNC facilities.

LEADERSHIP AND COMMUNITY INVOLVEMENT

UNC Ultimate Frisbee, President/Captain – Chapel Hill, NC

August 2018 – Present

- Captain and President of UNC's D-1 Men's College Club Ultimate Team that practices four times a week and attends 10 tournaments a year, including the College National Championships, 1st in 2018 & 2021, 2nd in 2019
- Managed logistics and financials of \$15,000 such as team dues, uniform orders, and travel and lodging.

Triangle Youth Ultimate, Coach – Chapel Hill, NC

August 2019 – Present

- Coached Triforce (The Triangle's premier Youth Club team with 3 National Championships) 3 times a week for 3 months in the absence of the head coaches while developing and teaching the coaching curriculum.
- Lead practices for a team of 25-30 Chapel Hill High School students twice a week across the season.