

George Harris

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PROFESSIONAL SUMMARY

Dedicated computer science student with a strong foundation in programming languages, including Java, Python, Typescript, and C. Experienced full-stack developer with a focus on creating user-friendly interfaces and efficient data management and analytics systems. Passionate about leveraging technology to solve real-world problems. Strong communicator and team player with leadership experience in various student organizations, not afraid to ask questions and work with others to get the job done. Interests include: full-stack development, embedded systems, real-time systems.

EDUCATION

The University of North Carolina at Chapel Hill | Chapel Hill, NC

B.S. Computer Science, Minor in Data Science, Minor in Entrepreneurship | GPA: 3.75/4.0 **Aug 2022 - May 2026**

Relevant Courses: Computer Organization, Data Structures, Foundations of Programming, Algorithms & Analysis, Discrete Mathematics, Mathematics for Data Science, Calculus of Functions (I & II)

Organizations: CS + Social Good, UNC Busi-Tech Club, Undergraduate Student Government, UNC Club Golf, Carolina Choir, ACM

TECHNICAL SKILLS

Programming Languages: Intermediate: Java, Python, C, Typescript, Javascript | Beginner: C++ for Arduino

Technologies: Advanced: React | Intermediate: Arduino, MongoDB, Sklearn, Numpy, Pandas, Sympy, Next.js | Beginner: VIM, Linux [Docker Containers], Firebase, AWS

Online Courses: AWS Skill Builder (Aug 2023 - Present), Coursera: Introduction to Java Programming (May 2022 - Aug 2022)

PROJECTS

RiceSaver | HackNC Project

Oct 2022

- Collaborated with a team of 5 to create a functional web application utilizing a **Keras** and **Tensorflow** computer vision framework to analyze rice plants for disease, enabling farmers to eliminate diseased plants and grow better yields. Designed front end using **HTML**, **Javascript** and **Yarn**. Awarded Best Junior Hack.

Compass Center Website | Full Stack Project (CS + Social Good)

Oct 2023 - Present

- Worked with and guided a team of 4 to build a **React** based resource page for Compass Center, a community organization in Chapel Hill, creating a faster on-boarding process for volunteers and a more streamlined user experience.
- Project features include role validation (admin, volunteer, organization, etc.), tabular information display, admin interface for user editing and resource management.
- Tech stack for my team included **React**, **Next.js**, and **REST APIs** interacting with a **Firebase** database.

PROFESSIONAL EXPERIENCE

Full Stack Web Development Intern | TradePending | Remote

May 2023 - Aug 2023

- Full stack web developer. Developed a front-facing user dashboard used daily by hundreds of thousands of car salespeople to enable greater productivity and smooth application and information flow.
- Created seamless design and effective page structure using **Figma** and collaborating with our UX team.
- Revamped dashboard using a **React-Typescript** framework. Constructed APIs to fetch and store payment history and vehicle, user, and dealership information for thousands of major car dealerships in a **MongoDB** database.

LEADERSHIP EXPERIENCE

Founding Analyst | Biokind Analytics | UNC-Chapel Hill

Aug 2023 - Present

- Worked alongside other founders to develop the UNC Chapter of Biokind Analytics, an organization dedicated to using data science and analytics to draw useful and sometimes life saving insights for the healthcare industry.
- Work included data management, running a variety of statistical operations, and working with a team to draw conclusions and applications for the health industry.

General Staff Member | Undergraduate Student Government | UNC-Chapel Hill

Aug 2022 - Present

- Worked in various departments of the executive branch office managing projects including social media campaigns, creation of link trees to distribute information to constituents, and developing student experience policy.