John Geter IV

(704) 726-2864 | jrgeter@aggies.ncat.edu | GitHub: https://github.com/quadgeter

"A curious computer science student, interested in developing software solutions dedicated to enhancing the consumer experience."

Education

North Carolina Agricultural and Technical State University   Greensboro, NC

Bachelor of Science, Computer Science   *Expected Graduation May 2026*

Cumulative GPA: 3.63

Google   Mountain View, CA

Tech Exchange Program   January 2023 - June 2023

- Completed accredited coursework and received direct mentorship from Google employees.
- **Coursework:** Applied Data Structures & Algorithms, Software Development Studio, Careers in Tech.

Relevant Experience

Medtronic   Summer 2024

Software Intern

- Developed an iOS application to remotely downgrade the firmware version of My CareLink Smart 25000 reader device via bluetooth.
- Reduced the time to downgrade firmware from ~15 minutes to less than 4 minutes and removed the need for 3rd party software and extra hardware components.
- Wrote clean, maintainable code along with sufficient test coverage and submitted quality pull requests for review.

Cisco Hackathon Winner   March 2023

- Collaborated closely with team members to curate a solution to the lack of online presence for local businesses.
- I was responsible for developing a web application prototype, involving a live feed for businesses to post marketing content and advertisements.

Projects

Numbers Don't Lie 2.0 | Independent Project   January 2024

- Developed web crawling scripts using Selenium and ChomeWebDriver to gather sports player prop bets..
- Implemented stat projection algorithms to calculate projected stats and gather the bet cover probability, the expected value, and previous bet line history.
- Implemented a PostgreSQL database to store current bets, player information, team information
- Developed a Django Rest API, that runs the web crawling scripts asynchronously every 24 hours to update data.
- **Numbers Don't Lie 1.0**   July 2023
  - Designed and developed an interactive website that delivers users a cheat sheet for the NFL 2023 season fantasy draft.
  - Utilized BeautifulSoup4 and Requests to web scrape NFL stats and injuries every week, as well as Python and Flask for the backend.
  - Implemented a relational database using PostgreSQL for user authentication and to allow users to create and save a player watch list.
  - View website: NDL- Number's Don't Lie

TravelGO | Google TechX Project   Spring 2023

- Collaborated with team members to design a web application to give users inspiration for their next vacation using generative AI and assist in booking hotels and flights.
- I was responsible for implementing a Virtual Tour page. I designed and developed a Streamlit page to interface with Google's Gemini API to generate an array of images given a user-defined location of interest, simulating a virtual tour of the landscape.

Leadership and Extracurriculars

- Blacks in Technology (Student Ambassador, 2022 - 2023)
  - Hosted meetings and facilitated open discussions, creating a welcoming and inclusive environment for other members.
  - Actively participated in marketing events targeting students, effectively promoting the institution's values, programs, and opportunities.

Skills

Programming Languages: Python, JavaScript, Swift, Objective-C, C++/C, Java

Technologies: Git/GitHub, Azure DevOps, React, Django, Flask, HTML, CSS, XCode, Figma, Linux, SQL, Relational Databases