Ethan Graham

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As a junior pursuing a Bachelor of Science in Computer Science, I am proficient in multiple programming languages and possess strong analytical skills. My ability to solve complex problems and devise innovative solutions makes me a valuable asset in any technical team. I am seeking a summer internship to further my learning and development in the computer science field.

Technical Skills

- Programming Languages — Assembly, Bash, C, C++, Java, Python, R, SQL, HTML, CSS
- Operating Systems — Windows, Linux, Mac
- Software — Git, SQL Studio, VSCode, Eclipse, Wireshark, Android Studio, MongoDB, Microsoft Office, Adobe Photoshop, Adobe Illustrator
- Certifications — Microsoft Word, Microsoft PowerPoint, Adobe Illustrator, Adobe Photoshop

Education

University of North Carolina at Charlotte, NC
Major — Computer Science, August 2022–present

- 3.4 GPA
- Minor — Mathematics
- UNCC Association for Computing Machinery, 49th Security Division, Disability Note Taker

Millbrook High School, Raleigh, NC — 2018-2022

- 3.9 GPA
- International Baccalaureate Diploma Program, Millbrook Executive Board, IB Equity and Access Committee, Millbrook Varsity Cross Country, Millbrook Varsity Track and Field

Experience

Counselor — Washington Elementary Boys and Girls Club of America
Raleigh, NC, June–August 2023

- Provided instructional activities and youth mentorship

Intern — Raleigh Summer Youth Employment Program Internship
Raleigh, NC, July–August 2021

- Operationalized business strategy for two regional businesses

Relevant Projects

Language: Python

- Leveraged the Pandas library and matplotlib to take output from UNCC's Centaurus supercomputer to plot different metrics of the amount of cores used to solve matrix multiplication problems affected execution time and speedup.

Language: SQL

- Created a functional database to manage patients medications, payment, and surgeries, as well as doctors and nurses assignments and instructions.

Language: R

- Used the R libraries maps and dplyr along with ggplot to analyze EPA air quality data over several years as well as create a pollution map of North Carolina for the year 2023 which detailed concentrations of different pollutants.