

Ayana Monroe

CHANCELLOR'S SCIENCE SCHOLAR

PHONE (443) 760-6404

EMAIL ayanamonroe@unc.edu

EDUCATION

University of North Carolina - Chapel Hill | Anticipated Date of Graduation: May 2023

- Summer Session II GPA: 4.00 (Unweighted)

Long Reach High School, Columbia, MD | Date of Graduation: May 2019

- GPA: 4.57
 - Relevant Coursework: Computer Science AP, Psychology AP, Principles of Java Programming, Advanced Object Oriented Design, Advanced Data Structures
-

WORK EXPERIENCE

Intern at the Applied Physics Lab (APL) | Summer 2017 & Summer 2018

- Created a node visualizer with Python and plotly to read files of nodes and their connections and plot them.
- Collaborated with APL employees on Neuroscience and Engineering projects using Python, Java, and Web Development skills.
- Oversaw the development of a Neuroscience Python course for graduate students.

Teaching Assistant (TA) for the NSA GenCyber Program | July 2018 - August 2018

- Collaborated with industry professionals to teach Cybersecurity principles to elementary school students.
- Supported program participants through teaching lessons and creating teaching materials.

TA for the Maryland Center for Women In Computing | September 2017 - June 2019

- Mentored local middle school students in conjunction with the UMD MCWIC program.
 - Taught Python, Oculus, Scratch and general web development principles.
-

LEADERSHIP EXPERIENCE

Chief Operating Officer of CodeHER | July 2017 - June 2019

- Managed all internal codeHER functions and served as an internal leader.
- Raised over \$5,000 for CodeHER's summer program in Morocco that served 40 girls.
- Chaired CodeHER's Baltimore Expansion and Howard County expansion plans.

Project Manager for the Long Reach CyberRobot MESA Team | September 2018 - May 2019

- Oversaw the development of a 1st place, state level, award winning Python program.
- Lead a team of five through the program development, refinement, competition, and presentation stages.

Chairwoman of Howard County Association of Student Councils (HCASC) STEM

Committee | May 2018 - May 2019

- Supported Howard County students interested in STEM.
 - Found STEM opportunities by working with Howard County schools.
 - Coordinated STEM volunteering events and meetings for HCASC
-

AWARDS:

- National Center for Women & Information Technology National Honorable Mention & Maryland Affiliate Winner for Aspirations in Computing (2019)
 - Delta Sigma Theta Sorority Inc. Gilda Lewis Public Service Award (2019)
 - Howard County Foundation for Black Educational & Cultural Achievements Civic Leadership Award (2019)
 - Long Reach High School Computer Science Excellence Award (2017 & 2019)
 - Trailblaze Foundation Inaugural Peer Leadership (2017)
-

SKILLS

- | | | |
|-------------------|--------------------------|--------------------------|
| • Web Development | • Python | • Google Suite Skills |
| • HTML | • Java | • Communication Skills |
| • Javascript | • Spanish Literacy | • Analytical Skills |
| • CSS | • Research Skills | • Time Management Skills |
| • Bootstrap | • Microsoft Suite Skills | • Leadership Skills |
-