

Ayana Monroe

CHANCELLOR'S SCIENCE SCHOLAR

PHONE

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EMAIL

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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

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)

LEADERSHIP EXPERIENCE

Chief Operating Officer of CodeHER | July 2017 - June 2019

- Managed all internal codeHER functions and served as an internal leader
- Performed administrative and communication-based tasks necessary to achieve the organization's mission and fulfill growth plans.
- 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 and
- Coordinated STEM volunteering events and meetings for HCASC

President of The Delta Scholars of Long Reach High School | October 2016 - May 2019

- Promoted female education, leadership, and cultural awareness in Long Reach High School and Howard County.
- Lead workshops, performs community outreach, holds discussions and events.
- Organized meetings and communications for Long Reach Delta Scholars.

WORK EXPERIENCE

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

- Created various projects using Python, Java, Web Development languages and Artificial Intelligence knowledge.
- Collaborated with APL employees on Neuroscience and Engineering projects using Python, Java, and Web Development skills.

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.
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