

**Tiara Holland**

umdstudent@gmail.com • (301) 555-5555 • 1234 Terps Rd, Small Town, MD 12345

**EDUCATION**

**University of Maryland**

*B.S., Civil Engineering*

*GPA: 3.8*

**College Park, MD**

*Expected May 2021*

**Global Communities Living and Learning Program**

*Citation May 2019*

- A four-semester program culminating around a capstone project on a global issue and a portfolio
- Researched and presented on the development of a rural transportation network in Quito, Ecuador
- Shadowed structural engineers during a three-week study abroad to the Dominican Republic

**TECHNICAL EXPERIENCE**

**Engineers Without Borders: Burkina Faso Water Project**

*Team Member*

**University of Maryland, College Park, MD**

*Aug. 2018–Present*

- Collaborated with a group of students and professional engineers to design a viable water extraction system for a village in Burkina Faso.
- Aided in the design of the water storage tank and water distribution system

**Southway Builders, Inc.**

*Intern*

**Baltimore, Maryland**

*July 2018 - August 2018*

- Assisted the project manager in a design-build project by overseeing delivery log and submittal log
- Communicated with subcontractors regarding contracts, insurances, and project start dates
- Assisted superintendent for apartment complex renovation project in supervising workers
- Reviewed and edited architectural and engineering drawings using Inventor and CAD

**Over-Sand Vehicle Project**

*Structural Design Team Leader*

**College Park, MD**

*February 2018- May 2018*

- Collaborated with six students in designing and building an autonomously driven over-sand vehicle capable of identifying objects based on their material composition
- Calculated tractive effort and power requirements to source drive motors with optimal torque and angular speed
- Designed and assembled a 3D printed chassis along with implementing motors, sensors, and vehicle circuitry

**LEADERSHIP EXPERIENCE**

**MICA, Black Student Involvement**

*Community Organizing Student Intern (COSI)*

**College Park, MD**

*Sept. 2020–Present*

- Mentored undergraduate students on identity development and empowerment
- Designed and led workshops, dialogues, and educational activities focused on diversity

**Black Alliance Network**

*Student Leader*

**University of Maryland College Park, MD**

*Sept. 2020–Present*

- Coordinated four yearly events across nearly 20 affiliated organizations
- Organized and presented at meetings with campus administration regarding black student concerns

**TECHNICAL SKILLS**

**Engineering:** CREO, Inventor, EES, MATLAB, COMSOL, SolidWorks, FEA experience, Arduino

**Platforms:** Windows 7/8/10, iOS, Linux, Google Suites, Excel

**AFFILIATIONS**

**Black Engineering Society, Member**

*2018-Present*

**National Association for the Advancement of Colored People, Member**

*2017-Present*