

KaLiyah Burnett

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Secret Clearance

LinkedIn: <https://www.linkedin.com/in/kaliyah-burnett-04684b1a3>

Education

University of Maryland College Park – Scholars Program

- Bachelor of Science in Mechanical Engineering
- Minor in Global Engineering Leadership

College Park, MD

Anticipated Graduation – May 2023

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Skills

Technical

Microsoft Visio, Oscilloscope, Signal Generator, Voltmeter

CAD

Autodesk Inventor, SolidWorks, Fusion360

Programming/Software

Arduino, C++, MATLAB, Sunny2, Beyond Compare

Certifications

FOD Awareness, ESD Safety, FCC/NTIA, Class B CDL (Commercial Driver's License)

Technical Experience

Northrop Grumman Corporation

Systems Engineering Integration & Test Intern – ABR Program

Linthicum MD

July 2022 – Present

- Integrated and regression tested radar hardware to verify radar system meets customer requirements.
- Analyzed recorded data of the radar's performance on flight tests in airplanes.
- Developed a plan and procedure for compatibility testing of hardware

Systems Engineering Integration & Test Intern – TRITON Program

February 2022 – Present

- Developed software code using Sunny2 to incorporate new capabilities and functionalities for the radar hardware.
- Conducted functional quality tests to verify the software and radar hardware meets the customer requirements.
- Documented, reviewed, and analyzed software code changes.

Work Experience

Clark School of Engineering & Scholars (UMD)

Undergraduate Teaching Fellow & Assistant

College Park MD

September 2021 – Present

- Assisted the instructor with the development of course assignments in the fall and spring semesters.
- Organized set hours to provide students with aid outside of the classroom.
- Administered and graded assignments, quizzes and project deliverables.

Activities & Affiliations

National Society of Black Engineers, <i>Member</i>	September 2019 – Present
College Park Scholars, <i>Ambassador</i>	September 2019 – Present
T.O.R.C.H (Technical Outreach Community Help), <i>Chairperson</i>	September 2020 – May 2021

Awards

College Park Scholars' Citizenship Award	October 2021
Center for Minorities in Science and Engineering Academic Excellence for Fall2020	April 2021
National Society of Black Engineers APEX Member (Academic Excellence)	April 2021
College Bound Foundation Recognition for Fall2020	February 2021
College Bound Foundation Director's List for Spring2020	June 2020