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# Rayshad Lindsay

## Contact number

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## Email Address

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## Address

92 Park Drive, Palmyra VA 22963

## Education

Longwood University 2018 - May 21, 2022

Major: Physics

Minor: Earth Science

GPA: 3.058

Old Dominion University 2021 - 2023

Major: Mechanical Engineering Technology

Minor: Engineering Management

GPA: 3.35

## Skills

AutoDesk collaboration - Advance

Innovation – Advance

Mechanics - Intermediate

MathLab - Intermediate

## Language Proficiency

Japanese – Intermediate

French – Intermediate

Sign Language - Beginner

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## References

Michael Parry - Physics Major Advisor at Longwood University  
Mentor and advisor of the LIFE STEM

Graham Paige - Mentor  
Member of the 100 Black Men organization

Raven Jackson - Graduate Resident Hall Assistant at ODU  
Graduate student and employee assistant in Old Dominion University

## Relevant Courses

University Physics I	Fall 2018
Evolution of the Cosmos	Winter 2018
Fundamental College Chemistry I	Fall 2018
Calculus I	Spring 2019
Modern Physics	Fall 2019
Calculus II	Fall 2019
University Physics Lab I	Fall 2019
Modern Physics	Fall 2019
Mechanics	Spring 2020
Thermodynamics (Physics)	Spring 2020
Differential Equation	Spring 2020
Dynamic Planet	Summer 2020
Natural Disaster	Summer 2020
Calculus III	Summer 2020
Ocean Geography	Spring 2021
Electric and magnetism	Fall 2021

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Solid Mechanics (Strength of Materials)	Fall 2021
Industrial Design	Spring 2022
Modeling and Simulation System	Spring 2022
Design of Manufacturing	Summer 2022
Design elements of machine	Summer 2022
Thermal Applications	Summer 2022
Dynamics	Summer 2022
Fundamental of Electrical Technology	Fall 2022
Geometric and Tolerance Dimensions	Fall 2022
Introduction of Engineering Management	Fall 2022

## Honors and Awards

### Longwood Sustainable Scholar

April 16, 2020

Longwood recognition award for helping sustainability awareness within the Longwood campus grounds for better care and community.

### LIFE STEM Scholar

July 20, 2018

Longwood Initiative for Future Excellence in STEM, a special program for STEM major Longwood University students to become future researchers in Science, technology, engineering, and mathematics.

## Scholarship

### LIFE STEM Scholarship

July 20, 2018

Acceptance to the LIFE STEM program, each individual Longwood student receives a scholarship fund in the future.

### 100 Black Men Scholarship

May 19, 2018

Awarded scholarship for individual high school senior black men students and acceptance to the college of their students.

### Joan of Arc Award

April 11, 2018

Award future Longwood students with a High School Gpa average 3.0 or above

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**Conner Honor Scholarship**

March 21, 2018

Acceptance to Longwood Honors College, which receives a high scholarship fund.

**Research Experiences****Brayton's Cycle in industrial application**

May 2, 2022

(5115 Terminal Blvd Norfolk, Virginia)

**Creation of Drone: Final Project Portfolio**

April 24, 2022

(5115 Terminal Blvd Norfolk, Virginia)

**Hubble Law Presentation**

April 22, 2020

(201 High Street Farmville, Virginia)

**Oral Presentation: Acceleration due to gravity**

November 11, 2019

(201 High Street Farmville, Virginia)

**Microplastic Pollution in the Chesapeake Bay**

May 26, 2019

(201 High Street Farmville, Virginia)

**Analyzing patterns of the Chinese Constellations**

May 17, 2018

(2775 Hydraulic Rd. Charlottesville Virginia)

**Leadership Activities****Godd. Moss Leadership Retreat**

February 23, 2019

Setting goals for the future from learning and experience the leadership in Farmville

**Old Dominion University LeADERS Candidate**

August 27, 2021

Taking three LeADERS courses in each areas category including leadership, research, entrepreneurship, and service learning

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