

# Gabriel John L. Barrios

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## EDUCATION

Old Dominion University, Norfolk, VA

**Bachelor of Science**

**May 2023**

**Major:** Physics

**Minor:** Applied Mathematics

**GPA:** 3.05

Dean's List: Fall 2019

**Relevant Courses:** Electromagnetism, Experimental Methods in Physics, Physics on the Back of an Envelope

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## VOLUNTEER SERVICE

**Mars Fest**

**Oct 14, 2022**

- Demonstrated and explained optical physics experiments using lasers
- Demonstrated emission of spectra using

**Reign in Chemistry & Science**

**Sep 17, 2022**

- Represented as an ambassador to explain complicated science topics with a public audience
- Demonstrated general relativity using a gravity well

**Oceana Air Show**

**Sep 16, 2022**

- Exhibited a series of physics experiments during the air show

**ODU Earth Day**

**Apr 22, 2022**

- Demonstrated and explained physics experiments to interested groups
- Assigned to demonstrate pressure with metal cans of hot water dipped in cold water

**Annual Pumpkin Drop**

**Oct 2019, Oct 2022, Oct 2023**

- Assigned to drop off pumpkins at the Batten Arts and Letters building
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## LEADERSHIP

**Treasurer, Student Government Association (SGA)**

**Apr 2022-Apr 2023**

- Allocated budgets of student organizations for FY 2022-23 and FY 2023-24 with SGA and Finance Committee, respectively
  - Awarded by the Indian Student Association for financial support and collaboration of Diwali
  - Created and presented monthly financial workshops to aid student organizations for financial requests
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## SKILLS

- Proficient in Python, Latex, and AutoCAD
- Able to work in a team environment, continuously improve, and good problem-solving