

Gabriel John L. Barrios

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EDUCATION

Old Dominion University, Norfolk, VA

GPA: 3.05

Bachelor's of Science, Physics

Expected: May 2023

Minor in Applied Mathematics

- Presented undergraduate thesis, "Quantum-classical analysis and simulation of the lattice Schwinger model" in Fall 2023

Relevant Coursework: Electromagnetism, Experimental Methods in Physics, Computational Physics, Quantum Mechanics, Classical Mechanics, Thermodynamics/Statistical Mechanics, Atomic Physics, Mathematical Methods in Physics, Calculus

ACHIEVEMENTS/LEADERSHIP

Society of Physics Students, Member

Aug 2019-May 2023

Student Government Association, Treasurer

Apr 2022-Apr 2023

VOLUNTEERING

Annual Pumpkin Drop

Oct 2019, Oct 2022, Oct 2023

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

Mars Fest

Oct 14, 2022

- Demonstrated and explained optical physics experiments using emission spectra and lasers for many spectators

Reign in Chemistry & Science Day

Sep 17, 2022

- Represented as an ambassador to explain general relativity with general audiences

Oceana Air Show

Sep 16, 2022

- Exhibited a series of physics experiments during the air show

ODU Move-In Day

Aug 25-26, 2022

- Helped freshmen in the Rogers and Gresham buildings to move in their dormitories

ODU Earth Day

Apr 22, 2022

- Demonstrated and explained physics experiments to general audiences

Cherry Blossom Festival

Apr 3, 2022

- Performed karate demonstrations with a group

Lafayette Park Cleanup

Mar 25, 2022

- Assigned to a group by cleaning out the mini-shelters

EXPERIENCE

DoorDash, San Francisco, CA

Dasher (Mar 2020 - Aug 2021)

- Primarily delivers food orders from customers
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ACHIEVEMENTS

- First Year Scholar, 2019-2020
 - Dean's List, Fall 2019
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SKILLS

- Lab Skills - Proficient
- Physics Research - Proficient
- Problem Solving - Proficient
- Electronics - Proficient
- Python - Proficient
- LaTeX - Proficient
- AutoCAD - Proficient
- Typing (79 WPM) - Proficient