
Ethan Levy

Physics Undergraduate, University of Maryland College Park

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Key Overview

Sophomore at the University of Maryland in the physics department. Looking to work with a knowledgeable mentor in the physical sciences to conduct research and get an introduction to working in a lab.

SKILLS

- Project planning and management
- Logical reasoning, data analysis, problem solving
- Experienced in Python, Excel, Powerpoint, HTML5
- Tutor in high school STEM subjects and English
- Italian, Spanish - Conversational fluency

EXPERIENCE

Supersymmetry Theoretical Research, College Park - *Scientific Researcher*

JUNE 2022 - Present

- Accepted into SSTPRS Theoretical REU with physicist and professor S. James Gates Jr. Studied linear algebra, clifford algebra, Dirac matrices, Lie algebra, Differential Geometry, dimensional analysis, Quantum Field Theory, Lagrange Principle
- Continuing research presently on the closure of the Complex Linear Supermultiplet (CLS)

Konstantine's Greek Taverna, Highland - *Waiter*

NOV 2019 - Present

- Attend to all needs and wants of the patron, while providing them with a vibrant Greek dining experience
- Maintain table cleanliness, communicate with staff and customers effectively

Norbeck Country Club, Olney - *Expeditor*

JUN 2018 - DEC 2019

- Prepared and delivered food to customers

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- Kept kitchen stocked with supplies
 - Catering for events

EDUCATION

University of Maryland, College Park - *Bachelor of Science*

SEPT 2020 - Present

- College Park Global Scholar: Science and Global Change
- Undergraduate student in Physics
- GPA: 3.65 on a 4.0 scale

International Studies Institute (ISI), Firenze, Italy - *Bachelor of Science*

FEB 2022 - APR 2022

- Physics in Florence participant
- Undergraduate student in Physics
- GPA:

Sherwood High School - *Ashton, Maryland*

SEPT 2016 - June 2020

- Calculus I & II
- Physics - Mechanics and Relativity
- GPA: 3.7

AWARDS AND HONORS

- ❖ **Eagle Scout** - March 2019
- ❖ **President's Award** - Sherwood High School - June 2020
- ❖ **Dean's List** - University of Maryland - Fall 2021
- ❖ Awarded **Best Presentation** in the 2021 UMD Data Challenge
- ❖ Won **3rd Place** in the Northrop Grumman Mission Systems Innovation Challenge 2021
- ❖ **Founder** of the Physics Club - Sherwood High School
- ❖ Member and **Tutoring Chair** - National Honor Society
- ❖ Member of Rho Kappa History Honor Society

