

Angelina Shayda

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Education

UNIVERSITY OF MASSACHUSETTS, AMHERST

Amherst, MA

Astronomy (BS) & Physics (BS) with a concentration in Mechanical Engineering

Graduating May 2024

- Dean's List, Commonwealth Honors College- Departmental Honors Program, Flagship Award Scholarship, GPA: 3.57
- Spring 2023: Working in the heterodyne labs with Prof. Narayanan on radio astronomy instrumentation, designing parts with SolidWorks
- Working to bring a chapter of SEDS (Students for the Exploration and Development of Space) to UMass as a club

- **Relevant Coursework:** Aerodynamics, Heat Transfer, Fluid Mechanics, Computational Physics, Classical Mechanics, Thermodynamics, Modern Astrophysics, Multivariate Calculus

AGAWAM HIGH SCHOOL

Agawam, MA

GPA: 4.31

September 2016 - May 2020

- National Honors Society, Senior Class President, Good Citizenship Award, Top Honors - French, Opus Bono Historiae, Habitat for Humanity

Experience

INDEPENDENT RESEARCH STUDY

Amherst, MA

Under Professor Gutermuth

September 2021 - May 2022

- Analyzed STARFORGE data, working with the TolTEC unity cluster
- Developed a "quick view" python script to reduce error and save time when running simulations
- Experience what it's like to work with a developing software
- Communicate software errors to development team

ON THE HILL

Feeding Hills, MA

Busser

September 2020 - Present

- Providing customer service, taking leadership on busy days in the restaurant
- Time management between processing payments, cleaning and taking orders
- Organization of the restaurant, cleaning tables and booths as well as putting away new shipments

Leadership & Activities

PEER MENTOR

Amherst, MA

Astronomy Department

September 2022 - Present

- Advising 5 incoming freshmen within the astronomy department
- Providing them with advice as a first-generation college student who studied abroad and changed major tracks

STUDENT GOVERNMENT

Agawam, MA

Senior President

May 2019 - May 2020

- Raised over \$200 to fund a new graduation during COVID
- Implemented new and different graduation events to fit COVID guidelines
- Advocate for my class, acted as someone my peers could communicate their ideas with

Skills

Technical: Python, Arduino, Excel, MATLAB, SolidWorks