# Alia Valentine

Phone: 989-534-6341 Email: valen176@msu.edu GitHub: github.com/walkingipad

#### EDUCATION

#### Michigan State University

East Lansing, MI

B.S. in Mathematics and Physics, minor in Computational Mathematics, Science, and Engineering

2020-Current

# RESEARCH EXPERIENCE

#### Michigan State University

East Lansing, MI

Undergraduate Research Assistant at the Physics Education Research Lab (PERL)

Fall 2021 - Summer 2022

- Integrating Computation in Science across Michigan

### Michigan State University

East Lansing, MI

Undergraduate Assistant at the Physics Education Research Lab (PERL)

Summer 2022

- Accessibility work with studio classes (PHY 173/174)

# Teaching Experience

• Learning Assistant at Michigan State University Physics for Scientists and Engineers II (PHY 184) Spring 2022, Spring 2023

• Learning Assistant, Curriculum Development at Michigan State University Physics for Scientists and Engineers II (PHY 184)

Fall 2022

• Learning Assistant at Michigan State University

Spring 2021, Fall 2021

Physics for Scientists and Engineers I (PHY 183)

## Extracurricular Activities

• Vice President of Michigan State's Society of Physics Students (SPS) general member of SPS since 2021

Summer 2023-Current

• Officer of Women and Minorities in the Physical Sciences (WaMPS) Mentoring Co-Chair

2022-Current

• Member of Science Theater Routinely perform science demonstrations for kids of all ages, on and off campus 2022-Current

• Member of Math Club

2022-Current

• Chaperone of Physics of Atomic Nuelei (PAN) summer camp

Summer 2022, Summer 2023

PAN is a free, week-long summer camp about nuclear astrophysics for High-School students

#### Awards

• McCartney Scholarship Math Award

2023