

# Jared Ian Maller

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## EDUCATION

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### The University of Georgia (UGA)

*PhD in Physics*

Athens, Georgia

May 2029

### The University of Georgia

*Bachelor of Science (BS) in Astrophysics*

Athens, Georgia

May 2024

### Mountain View High School

*High School Diploma*

Lawrenceville, Georgia

May 2020

## RESEARCH EXPERIENCE

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### Department of Physics and Astronomy, UGA

*Investigator*

Athens, Georgia

Sep. 2022 - Present

- Investigation of upper-level physics students' understanding of the Taylor series approximation in a physical context through a resources framework.
- Developed skills: completing a literature review, working with an institutional review board, APA format, consent form development, and physics problem creation.

## SELECTED PUBLICATIONS / PRESENTATIONS

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**Maller, J.** (2023, April 4). *Physics Students Use of Taylor Series*. [Presentation]. CURO Research Symposium, Athens, Georgia, United States.

## OTHER EXPERIENCE

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### University of Georgia Housing Department

*Maintenance Assistant/ Materials Handler*

Athens, Georgia

July 2021 – August 2024

- Responsible for the loading, unloading, and transport of materials weighing up to 1600lbs.
- Accountable for over \$300,000 worth of product across multiple locations
- Developed skills in teamwork, logistics, materials handling, and communication.

### Outdoor Adventure Club, UGA

*President and Trip Planner*

Athens, Georgia

August 2021 – May 2024

- Responsible for planning multi-day long outdoor activity trips for a club with 400+ members
- Participated in service events such as trail clean ups.
- Hosted multiple educational stargazing nights.
- Developed skills in logistics, management, teamwork, and finance.

### Physics Club, UGA

*Secretary, Vice President*

Athens, Georgia

August 2023 – May 2024

- Launched physics freshman outreach initiative to connect freshmen with resources and information pertinent to a physics student.
- Planned, coordinated, and presented at various meetings with (astro)physics guest speakers, research opportunities, homework help, and other opportunities for (astro)physics majors and minors.

## HONORS AND AWARDS

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### Spark Undergraduate Research Award

2023

### Dean's List

2020, 2023, 2024

## SKILLS

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Python	Fortran77	Literature Review
Matplot Library	Microsoft Excel	Management
Panda Library	Microsoft PowerPoint	Public Speaking
Numpy Library	Public Speaking	Adobe Photoshop

## LANGUAGES

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Spanish – Intermediate

## SERVICE PROJECTS

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<b>STEM Night at Barnett Shoals Elementary School, <i>Presenter</i></b>	February 2024
<b>UGA Department of Physics and Astronomy, <i>Marketing</i></b>	September 2023
<b>Milton Theatre Company, <i>Carpenter</i></b>	August 2023 - Present
<b>Mountain View Theatre Company, <i>Carpenter, Acting Coach</i></b>	May 2020 - August 2023

## CERTIFICATIONS

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<b>Social and Behavioral Research Training, <i>UGA</i></b>	December 2022
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