

# JOSEPH TEMPLE

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## PROFILE

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Ambitious second-year undergraduate physics student pursuing an academic career in the physical sciences. Research interests include theoretical and computational biophysics, acoustics, and complex systems. Key strengths include efficient balancing of several responsibilities and an intrinsic motivation to learn.

## EDUCATION

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### Arkansas Tech University

*B.S. in Physics with minor in Mathematics, B.A. in Music | GPA: 4.0*

Russellville, AR

*Expected 2026*

## EXPERIENCE

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### ATU Physics Department

*Independent Study*

*Jan. 2024 - Present*

- Explored wave equation solutions to something something math math math.

*Teaching Assistant for Physics 1 Lab*

*Aug. 2023 - Dec. 2023*

- Graded assignments and lab reports, providing constructive feedback to help students improve their understanding of physical principles.
- Guided student peers through difficulties encountered in introductory mechanics experiments.

## ACTIVITIES

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### ATU Physics Club

*Vice President*

*Aug. 2023 - Present*

- Facilitated discussions to generate ideas for club events, projects, and outreach initiatives.
- Showcased physical demonstrations to inspire interest in science among the wider campus community.

## TECHNICAL SKILLS

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- Object-oriented programming in C++. (Intermediate)
- Numerical computing in Python using `numpy`, `matplotlib`, and `scipy`. (Beginner)
- Proficiency with  $\text{\LaTeX}$  using `tikz`, `pgfplots`, `csvsimple`, etc.

## REFERENCES

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Dr. Jessica Young, Associate Professor of Physics

jyoung35@atu.edu

Dr. Jon Clements, Professor of Music

jclements@atu.edu

Dr. Matthew Hankins, Assistant Professor of Physics

mhankins1@atu.edu