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Starkville, MS
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Matthew Wright

Undergraduate Student

Major: Physics
Minors: Chemistry
Mathematics

Hello, my name is Matt and my life goal is to be a Physics Educator. I am currently a third year undergraduate Physics major at *Mississippi State University*. I plan to pursue a Ph.D. in Nuclear Physics looking at astrophysical environments. Upon completion of my Ph.D., my goal is to become a Professor of Physics.

EDUCATION

Bachelor of Science, Physics, Minors in Chemistry and Mathematics *Mississippi State University* May 2023
Starkville, MS, Current GPA: 3.8, In Progress

Associate of the Arts, STEM Pathway *Pearl River Community College* May 2021
Poplarville, MS, GPA: 3.8

WORK EXPERIENCE

Undergraduate Researcher February 2022 — Present

Principle Investigator: *Dr. Ben Crider*

bpc135@msstate.edu

Starkville, MS

Mississippi State University, Institute for Clean Energy and Technology

γ -Ray Spectroscopy

- Writing simulation in Python to generate environmental radiation survey data
- Nuclear Quality Assurance Training
- Collaborating on Autonomous γ -Ray Detecting Robot to clean nuclear contamination

Interim Tutoring Lab Supervisor

May 2021 — August 2021

TRiO Student Support Services

Program Director: *Georgia Field*

gfield@prcc.edu

Pearl River Community College

Poplarville, MS

I Oversaw Tutoring and Peer Mentoring of Disadvantaged Students

- This position typically requires a Master's degree
- Coordinated and scheduled tutoring and peer mentoring sessions between students and tutors
- Assisted in Summer Bridge Program for incoming freshmen with statistical disadvantages for graduating college
- Information Technology Support for office and Summer Bridge Program
- Interdepartmental communications

Lead Tutor and Peer Mentor

August 2019 — December 2021

TRiO Student Support Services

Pearl River Community College

Poplarville, MS

I Led a Team of Tutors Working with Students with Statistical Disadvantages Against College Graduation

- As the sole returning tutor during the COVID-19 pandemic, I trained 23 new hires over the course of a year
- Provided supplemental instruction to fellow students
- Mentored fellow students as they navigate their college careers
- Training working with those with disabilities
- Office assistant

SKILLS

Technology Python, GNU/Linux, \LaTeX , Windows, Electronic Circuits, Git, Microsoft Office Suite with Google and LibreOffice Equivalents

Course Work Nuclear and Particle Physics, Organic Chemistry

ACHIEVEMENTS AND ACTIVITIES

Academic Awards Phi Theta Kappa Scholarship (MS State), Mississippi Eminent Scholar, Leo W. Seal Jr. Memorial Scholarship(PRCC), PRCC Presidential Scholarship,

Leadership Society of Physics Students (MS State Chapter President, January 2022-Present), Phi Theta Kappa (Vice President of Member Services, June 2020 - May 2021)