

# PeeDee Tyson

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Greenville, NC 278527

## EDUCATION

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**East Carolina University** - Greenville, NC May 2020  
*Bachelor of Science in Physics concentration in Research*  
GPA: 3.5

## RELEVANT SKILLS

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HTML	C++	Pro-Engineer
Accelrys Insight II	Equipment diagnostics	Research Reporting
Python	MATLAB	Logger Pro

## RELEVANT EXPERIENCE

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**East Carolina University** - Greenville, NC May 2019 - Present  
*Lab Assistant*

- Repair and maintain lab equipment to review and carry out daily procedures of equipment operation in the Engineering Department
- Perform diagnostic operations on computers to test for efficiency and correct problems
- Utilize oscilloscopes, voltmeters, and ammeters for various lab experiments

*Engineering Design Project* Fall 2020

- Used the program “Pro-Engineer” with a team of 4 to design and assemble a strain-gage with limitations
- Developed and implemented algorithms using C++ and MATLAB
- Included digital logic design and signal system processing
- Designed and performed solar cell experiments using the computer program “Logger Pro”

*Math Tutor* August 2018 - May 2019

- Provided instruction for students who need help in undergraduate math courses
- Conducted specialized one-on-one and small group sessions for students that need customized instruction

## ACTIVITIES AND HONORS

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**Phi Beta Epsilon - Physics Honors Society**, *Member* August 2019 - Present  
**Institute of Electrical and Electronic Engineering (IEEE)**, *Member* January 2018 - Present  
**American Society of Mechanical Engineers (ASME)**, *Member* August 2017 - Present  
**SafeRide Transportation**, *Volunteer* September 2017 - May 2019

## ADDITIONAL EMPLOYMENT

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**Nights Market** - Salisbury, MD June 2016 - August 2017  
*General Manager*