

# Calvin Carpenter

Columbus, OH

Phone: (513) 889-8336

Email: [carpenter.963@osu.edu](mailto:carpenter.963@osu.edu)

LinkedIn: [www.linkedin.com/in/calvin-carpenter](http://www.linkedin.com/in/calvin-carpenter)

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## Summary

Motivated and detail-oriented undergraduate searching for a data-driven intern position with a forward-moving company. Knowledgeable in higher level Physics/Astrophysics/Mathematics concepts. Skilled in data processing and analysis in Python/Mathematica. Experienced in problem solving/communication/social skills as well as working with people from different cultural/scientific backgrounds.

## Education

**The Ohio State University**, Columbus OH - *Bachelor of Science in Physics, Bachelor of Science in Astronomy/Astrophysics, Minor in Mathematics*

Dean's List

August 2018 - May 2022

## Work Experience

**Urban Chophouse**, Columbus, OH - Fine Dining Server

June 2021 - Present

- Provided excellent fine dining service to patrons

**DK Diner**, Grandview Heights, OH - Server

August 2018 - June 2021

- Served diner food and beverages to hungry guests

**TopGolf**, Cincinnati, OH - Guest Services Associate

May 2016 - May 2018

- Delivered positive and effective customer service to guests

**Festival Concession Services**, Cincinnati, OH -

Stand/Sales Associate

April 2012 - Present (as needed)

- Ran and managed food and beverage stand

## Organizations

- SciAccess Zenith Mentorship Program
- Sigma Pi Sigma (Physics Honors Society)
- Society of Physics Students at The Ohio State University
  - Treasurer

## Languages

- Python
  - Pandas
  - Numpy/SciPy
  - Matplotlib
  - Plotly
  - SciKitLearn
  - TensorFlow
  - Keras
  - OpenCV
  - DEEPSort
- SQL
- Excel
- Wolfram Mathematica
- MatLab

## Technical Skills

- Data Processing, Preparation, Visualization, Analysis
- Machine Learning
- Deep Learning
- Pattern and Trend Identification
- Research
- Higher Mathematics

## Soft Skills

- Problem Solving
- Oral/Written Communication
- Organization and Time Management
- Teamwork
- Resilience

## SKILLS AND KNOWLEDGE

### Relevant Coursework

- **Big Data Analytics (Machine Learning/AI)**
- Classical Mechanics
- Statistical Mechanics
- Quantum Mechanics
- Electricity and Magnetism
- Electronics Laboratory
- Calculus 1-3
- Linear Algebra
- Ordinary/Partial Differential Equations
- Foundations of Higher Mathematics
- Astronomy and Astrophysics

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