

Nikhil Krishna

nkrishna@email.sc.edu | (843)-290-6301

Education

University of South Carolina Honors College - Columbia, SC

Bachelor of Science in Computer Engineering, GPA:4.0 Expected Graduation May 2028

- Activities: Association of Computing and Machinery (ACM), GAMA Machine Learning

Hilton Head Island High School, Hilton Head, SC

Graduated June 2024

Unweighted GPA: 4.0

Weighted GPA: 5.3

- Activities: Robotics club president, Orchestra First Chair, Various Honor societies
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Experience/Extracurriculars

Unmanned Drone Research Assistant

Present

- Developing autonomous controllers using computer vision and Neural Network Models for practical tasks, such as water testing and railroad observation.
- Collaborating with a team to conduct studies and publish academic papers.

USC Code-A-Thon Division Winner

October 2024

- Completed the most problems in the shortest amount of time, receiving a \$100 prize.

IT Member, Volunteers in Medicine

May 2023 - July 2023

- Troubleshoot and repaired vital sign systems, printers, and computers.
- Assisted in creating a website to promote the IT volunteer program.
- Took inventory of technology and shortages.

Neighborhood Outreach Connection Tutor

August 2022 - June 2024

- Tutored local elementary school students in reading and math.
- Assisted students with their homework, such as a sheet of math problems or helping a child read through their book.

Peer Tutor

August 2022 - June 2024

- Taught students precalculus, trigonometric and algebraic concepts.
- Explained information in portions based on the student to improve understanding.

Kroger

October 2022 - April 2023

- Front end worker with tasks including bagging, stocking abandoned items, and helping customers load their groceries.
- Helped new employees learn to manage their tasks.

IBM Watsonx University Call for Code

September 2024

- Competed and collaborated with a group of 10 people from various backgrounds to create and present an AI that solves a humanitarian issue.
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Achievements/Awards

- USC Carolina Scholar (Top 25 in state students)
 - National Merit Scholarship Finalist
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Skills

- Python, Java, HTML, Linux
 - Conversational in Chinese
 - Circuit and Logic boards
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Relevant Coursework

- Digital Logic Design, Algorithmic Design, Computing in the Modern World