

Keenan J. Murphy

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PERSONAL STATEMENT

Experienced student with a dedication to lifelong learning, excited at the prospect of beginning graduate studies. Excels in both a classroom setting and the research laboratory. Prior experience in both research methodology and teaching practices with strong leadership skills. Adept at synthesizing latest information to find innovative solutions to challenging issues.

EDUCATION

B.S. in Computer Science

Expected Graduation December 2023

University of South Carolina, Columbia, SC

- Honors College
- Current GPA 3.5/4
- Relevant coursework: Advanced Programming Techniques, Cybersecurity, Databases, Data Structures and Algorithms, Digital Logic Design, Discrete Structures, Foundations of Computation, Linear Algebra, Robotics

TEACHING & RESEARCH EXPERIENCE

Undergraduate Research Assistant

Spring 2022 – Present

“Reliable Perception for Unmanned Maritime Systems”

- Supervised by Dr. Yan Tong
- Participate in weekly team meetings to foster a collaborative work environment
- Develop novel solutions to dynamic and complex problems
- Coordinate a team of undergraduate research assistants to better meet project goals

Independently Contracted Tutor

Fall 2020 – Fall 2023

General Mathematics, Statistics and Computer Science

- Built and maintained a client base consisting of up to 16 students with individualized lesson plans
- Taught subjects of varying complexity, from introductory college algebra to advanced algorithmic design

SKILLS

Programming Languages: C, C#, C++, Java, JavaScript, MATLAB, Python, Ruby, SQL

Technologies: AWS, Firebase, Git, OpenCV, PyTorch, React Native, TensorFlow