



Matthew Kuehr

Applied Mathematics Undergraduate

Profile

I am a rising junior studying Applied Mathematics at Auburn university with the intent to continue my education at the graduate level. My principal area of research interest is machine learning with a focus on applied deep learning problems.

Work Experience

Supplemental Instruction Leader at Auburn University

January 2024 — May 2024

During the Spring semester of the 2024 academic year, I worked as a Supplemental Instruction Leader for the office of Academic Support at Auburn University. Twice a week I led review sessions to help students in Calculus I achieve mastery of the content and prepare for tests.

Relevant Courses - Mathematics & Statistics

Calculus I

Calculus II

Calculus III

Linear Algebra

Ordinary Differential Equations

Probability and Statistics I

Introduction to Mathematical Proofs

Research Experience

Statistical Learning Research Project at Auburn University

January 2024 — August 2024

In January I joined a team of undergraduate and graduate students led by Dr. Mark Carpenter and Dr. Roy Hartfield at Auburn University to work on a statistical learning research project for a government contractor. Since joining the project, I have expanded and applied my skills in deep learning to solve relevant supervised learning problems in both regression and classification.

References

Dr. Mark Carpenter from Auburn University

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Details

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Skills

Verbal Presentation

Deep Learning

Programming

Teaching

Languages

English

Spanish