

Christopher Mount

(256) 294-3069

cmount@math.arizona.edu

EDUCATION

University of Arizona
M.S. in Mathematics
expected May 2024

Jacksonville State University
M.S. in Mathematics
2019

Jacksonville State University
B.S. in Mathematics
Minor in Physics
2017

RESEARCH EXPERIENCE

University of Arizona, Department of Mathematics
Thesis Advisor: Dr. Ibrahim Fatkullin
Master Thesis: Sticky Boundary Conditions for Weiner Process
2023 - 2024

Jacksonville State University, Mathematical, Computing, and Information Sciences
Department
Thesis Advisor: Jeff Dodd
Master Thesis: The Napkin Ring Problem: Generalizations and Related Problems
2017 - 2019

Jacksonville State University, Mathematical, Computing, and Information Sciences
Department
Advisor: Dr. Jaedeok Kim
Project: Application of SVD: Information Retrieval and Document Ranking
2017

PROFESSIONAL EXPERIENCE

Graduate Teaching Assistant, University of Arizona, Department of Mathematics,
Tucson, AZ
2021 – 2024

- Taught Precalculus Algebra and Exploring and Understanding Data
- Used various online learning management systems and online homework systems

Adjunct Instructor, Jacksonville State University, Mathematical, Computing, and Information
Sciences Department, Jacksonville, AL
2019 – 2020

- Taught Precalculus Algebra, Finite Mathematics, and Calculus and Its Applications
- Created exams, syllabi, and homework assignments

Graduate Teaching Assistant, Jacksonville State University, Mathematical, Computing, and Information Sciences Department, Jacksonville, AL 2017 – 2019

- Taught Precalculus Algebra and Developmental Mathematics
- Tutored for various undergraduate mathematics courses

Graduate Teaching Assistant, Jacksonville State University, Learning Services Department, Jacksonville, AL Summers of 2018, 2019, 2020

- Managed a small team of undergraduate Teaching Assistants
- Participated in weekly faculty meetings to address academic and behavioral problems with conditionally admitted students

PUBLICATIONS

Mount, Christopher and Blake Jackson. 2017. Application of SVD: Information Retrieval and Document Ranking. *The Pentagon* 77 (1).

PRESENTATIONS

Mount, Christopher, Jan Case, and Courtney Peppers. 2019. Replacing a Placement Test. NROC Member Meeting (The NROC Project is a non-profit organization devoted to open educational resources.)

Mount, Christopher and Blake Jackson. 2017. Application of SVD: Information Retrieval and Document Ranking. Kappa Mu Epsilon 41st Biennial Convention

HONORS AND AWARDS

Member of Kappa Mu Epsilon, National Mathematics Honor Society, 2017

Presented undergraduate research at the national KME Convention and won a publication spot in *The Pentagon*, the official journal of the society, 2017

Skills

Python

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