

Tuffy Titan

Phone Number | Email | LinkedIn Profile URL

EDUCATION

Bachelor of Science in Mathematics

Mo. 20XX

Minor in Data Science

California State University, Fullerton

GPA 3.6

TECHNICAL SKILLS

Computer: Proficient in Microsoft Office, SolidWorks, The MathWorks MATLAB, IBM SPSS Statistics

Machines: Apple macOS, Bash, Linux, Unix

RESEARCH EXPERIENCE

Titan Supercomputing Center Summer Research Community

Mo. 20XX-Present

California State University, Fullerton

Undergraduate Research Assistant

- Collaborate with a faculty mentor and four peers to analyze large datasets and generate data-driven insights for an ongoing research project
- Participate in career development workshops and meet with a faculty mentor bi-weekly to discuss progress, troubleshoot challenges, and refine research methodology
- Synthesize key findings into a clear, visually accessible poster presentation created alongside a team of three peers
- Delivered a research presentation at the annual CCAM Research Symposium, communicating results to faculty, students, and campus partners

WORK EXPERIENCE

Department of Mathematics, Fullerton, CA

Mo. 20XX-Mo. 20XX

California State University, Fullerton

Tutor, Peer Advisor

- Tutored a cohort of 15 students in advanced statistics each week, breaking down complex concepts and supporting improved performance across homework, quizzes, and exams
- Designed and facilitated an interactive exam-prep workshop using PowerPoint to reinforce key statistical methods, resulting in higher student confidence and preparedness
- Led monthly information sessions on mathematics software (e.g., R, MATLAB, Excel) to help students build technical proficiency for coursework and research applications
- Achieved a 97% student success rate in course and exam outcomes by providing individualized guidance, structured study plans, and targeted skill-building strategies

LEADERSHIP EXPERIENCE

Society for Industrial and Applied Mathematics (SIAM), Fullerton, CA

Mo. 20XX-Mo. 20XX

California State University, Fullerton

Student Member

- Engaged in weekly discussions on applied mathematics topics, strengthening understanding of modeling, optimization, and numerical methods used in industry and research
- Collaborated with peers on problem-solving challenges and mini-projects, applying mathematical reasoning to real-world scenarios such as data analysis, forecasting, and systems modeling
- Attended guest lectures from industry professionals and researchers to explore career pathways in applied mathematics, data science, and computational fields