

Anton Yang

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ACTUARIAL EXAMS

- Passed Exam FM December 2023
- Passed Exam P January 2024
- Passed Exam SRM May 2024
- Passed Exam FAM November 2024
- Sitting Exam ALTAM April 2025

EDUCATION

- The University of Missouri** Columbia, Missouri
Bachelor of Science in Actuarial Science and Statistics May 2025
- Academic Tutor:** Delivered personalized tutoring in statistics, focusing on R programming, data cleaning in Excel, and mathematical statistics. GPA: 3.93
 - DataFest Best in Use of Statistical Analysis:** Awarded 2nd Place in statistical analysis competitions.
 - Honors College Program:** Recognized as a member of the Honors College for outstanding academic performance and community contribution.

WORK EXPERIENCE

- The University of Missouri** Columbia, Missouri
Research Assistant August 2023 – Present
- Led a team of 4 in developing a research poster and conducted technical analysis using R and Excel, overseeing project execution and ensuring successful outcomes.
 - Engineered detailed data visualizations and in-depth statistical analyses for the undergraduate research presentation, enhancing data comprehension by 50% and contributing to a perfect score on the presentation of results.
 - Delivered comprehensive research presentations to new student cohorts, enhancing public speaking skills and increasing student engagement by 40% through interactive sessions and targeted content.
- The University of North Carolina Charlotte** Charlotte, North Carolina
Undergraduate Researcher May 2023 – August 2023
- Developed simulation in R to accurately determine the optimal personalized medicine and reduced the running time by 40%.
 - Developed and implemented custom treatment recommendations by analyzing individual cases, and enhanced overall treatment prediction and effectiveness by 30%.
 - Collaborated with 6 other students on developing and presenting strategies for improving health and treating disease with graduate students and professors.

PROJECT EXPERIENCE

- SOA Research Case Study**
Team Leader
- Designed a national insurance program for earthen dam failures, incorporating actuarial risk assessment and equitable pricing structure.
 - Conducted financial analysis, risk modeling, and data analysis to develop mitigation strategies and assess economic impact
 - Collaborated with a team to produce a professional actuarial report outlining program design, assumptions, and policy recommendations.
- Adidas Sales Dashboard**
Lead Designer
- Designed a comprehensive sales dashboard featuring interactive data visualizations and predictive analytics, enabling data-driven decision-making across the sales department.
 - Developed and implemented a VBA-based sales forecasting model using historical data, accurately predicting future sales trends and improving sales strategy.

TECHNICAL AND LANGUAGE SKILLS

- Technical: R, Python, Microsoft Office (Excel), VBA, SQL
- Language: English, Mandarin