

Anton Yang

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ACTUARIAL EXAMS

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

EDUCATION

- The University of Missouri** Columbia, Missouri
Bachelor of Science in Mathematics and Statistics May 2025
- Minor:** Information Technology GPA: 3.91
 - 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
- Designed and implemented lottery simulation using Python and R, assisting in the verification of extensive mathematical calculations.
 - 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 Research 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 a presentation on how to improve health and treat disease with graduate students and professors.

PROJECT EXPERIENCE

- Stock Market Analysis App**
Lead Designer
- Coded an interactive stock market application using RShiny, enabling users to analyze over 100 real-time and historical market performance data.
 - Created forecast tools enabling users to interactively generate and customize future forecasts, enhancing decision-making capabilities.
- 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