

# Anton Yang

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## ACTUARIAL EXAMS

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| • Passed Exam FM   | December 2023 |
| • Passed Exam P    | January 2024  |
| • Passed Exam SRM  | May 2024      |
| • Sitting Exam FAM | November 2024 |
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## EDUCATION

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| <b>The University of Missouri</b><br><i>Bachelor of Science in Mathematics and Statistics</i>  | Columbia, Missouri<br>May 2025 |
| • <b>Minor:</b> Information Technology   | GPA: 3.91                      |
| • <b>DataFest Best in Use of Statistical Analysis:</b> Awarded 2 <sup>nd</sup> Place in statistical analysis competitions.                                       |                                |
| • <b>Honors College Program:</b> Recognized as a member of the Honors College for outstanding academic performance and community contribution.                   |                                |
| • <b>Courses:</b> Accounting, Calculus, Differential Equation, Economics, Interest Theory, Linear Algebra, Probability Theory, and Statistical Software Analysis |                                |
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## WORK EXPERIENCE

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| <b>The University of Missouri</b><br><i>Research Assistant</i>   | Columbia, Missouri<br>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.                            |   |
| <b>The University of North Carolina Charlotte</b><br><i>Undergraduate Research</i>   | Charlotte, North Carolina<br>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.   |   |
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## PROJECT EXPERIENCE

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| <b>Stock Market Analysis App</b><br><i>Lead Designer</i>   |
| • 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.  |
| <b>Adidas Sales Dashboard</b><br><i>Lead Designer</i>  |
| • 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.                   |
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## TECHNICAL AND LANGUAGE SKILLS

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

