

Anton Yang

anton794904@gmail.com

(636) 579-7776

1228 Shingle Oak CT, Troy, MO 63379

[linkedin.com/in/anton-yang-a23237247/](https://www.linkedin.com/in/anton-yang-a23237247/)

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 |

EDUCATION

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| The University of Missouri
<i>Bachelor of Science in Mathematics and Statistics</i> | Columbia, Missouri
May 2025 |
| • Minor: Information Technology | GPA: 3.91 |
| • DataFest Best in Use of Statistical Analysis: Awarded 2 nd 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

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| The University of Missouri
<i>Research Assistant</i> | Columbia, Missouri
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
<i>Undergraduate Research</i> | Charlotte, North Carolina
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

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| Stock Market Analysis App
<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. |
| Adidas Sales Dashboard
<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. |

TECHNICAL AND LANGUAGE SKILLS

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