**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