Anton

Yang

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**Summary**

Motivated and dedicated Actuarial Science and Statistics student with a passion for problem-solving and strong analytical skills. Proficient in various technical skills, data analysis, and statistical modeling gained through extensive undergraduate research. Possessing significant abilities to excel both independently and in a team, I am actively seeking an Actuarial intern position. Eager to apply my knowledge and contribute to innovative solutions in the field.

**Professional Exams**

* Exam P (Probability) Sitting - January 2024
* Exam FM (Financial Mathematics) Sitting - December 2023

**Skills**

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| * Technical Skills: R, Python, Microsoft Excel, SAS, C# * Analytical * Problem-Solving * Statistical Modeling | * Mathematical Knowledge * Data Analysis * Time Management * Attention to Detail |

**Experience**

**Undergraduate Researcher**

University of North Carolina Charlotte | Charlotte, NC | May 2023-Current

* Conducted extensive simulation using the programming language R and optimized statistical methods for personalized medicine.
* Explored various statistical learnings like Ordinary Least Square, LASSO, and Kernel regression to find the optimal treatment for the individuals.
* Collaborated closely with a research partner to contribute to a leading successful co-authoring of a research paper for submission.
* Skillfully using High-Performance Computing (HPC) and reduced the computational time by 60%.

**Education**

**Bachelor of Science: Actuarial Science And Statistics**

University of Missouri - Columbia | | Columbia, MO | Expected in May 2025

* Minor in Music
* 3.967 GPA
* Dean List 2022-2023
* Relevant Coursework: Economics, Financial Derivatives, Interest Theory, Linear Algebra, Mathematics Statistics, Probability Theory, and Statistical Software Analysis.

**Languages**

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| --- | --- | --- |
| **Chinese (Mandarin)**:    Native/ Bilingual |  |  |