



# ANTON YANG

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## Date

Hiring Team  
Internship, International Economics and Technology, Fall 2024  
Council on Foreign Relations  
58 East 68<sup>th</sup> Street, NY, 10065

## Dear Hiring Team:

I am excited to apply for the International Economics and Technology Internship at the Council on Foreign Relations. As an undergraduate studying Mathematics and Statistics at the University of Missouri, I have developed a solid foundation in data analysis, statistical modeling, and coding. Upon reviewing the details of this internship, I am confident that my skills align well with the requirements. I am particularly enthusiastic about the opportunity to engage in quantitative research and contribute to impactful publications. My academic journey has equipped me with a keen ability to interpret and analyze economic data, and I am eager to apply this knowledge in a practical setting.

Through my coursework and research, I have gained extensive experience in applying statistical techniques to address complex problems. For example, during my internship at the University of North Carolina Charlotte, I built a simulation in R that optimized the effectiveness of personalized medicine. This experience taught me various statistical learning like Random Forest, PCA, and Kernel Regression. In addition, as a Research Assistant at the University of Missouri, I developed and implemented a simulation using R to predict probabilities and validate mathematical computations for KENO games. The project enhanced my ability to perform precise probability calculations and effectively communicate findings to others who may not be familiar with the calculation and coding. I believe this experience is crucial in supporting the role of quantitative research.

I am particularly excited about the opportunity to intern at the Council on Foreign Relations because of your organization's stellar reputation for enhancing America's understanding of global affairs and contributing innovative ideas to U.S. foreign policy. Additionally, I greatly admire the diversity within your team, which I believe fosters a rich and inclusive environment for meaningful discourse and research.

Thank you for considering my application. I believe my unique set of skills and background could make me an asset to your organization. I've attached my resume and please feel free to contact me via phone or email if you have any questions about my application. I look forward to the opportunity to discuss this position further with you.



Sincerely,

Anton Yang