

Younseo Kim

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EDUCATION

Pennsylvania State University – Class of 2023
Bachelor of Science in Statistical Modeling Data Science

State College, PA
Overall GPA: 3.490
Dean's List: 4/5 Semesters

PROFESSIONAL EXPERIENCES

Penn State College of Health and Human Development
Research Assistance

State College, PA
June/2023 – Present

- Led in a research project with Dr. Harold and a Ph.D. student John Long on a specialized research project analyzing the Health and Retirement Study data of 100K+ individuals, encompassing 50+ diverse variables, to investigate health trends.
- Engineered diverse data visualizations and utilized statistical tests to elucidate cause and effect relationships, notably identifying a potential link between conscientiousness and weight gain, which led to a new line of investigation in the study.
- Oversaw the enhancement of the HRS dataset using **R**, implementing data imputation, variable creation, and cleaning, ensuring a robust foundation for subsequent statistical analyses to support our hypothesis.

Penn State University
Research Assistant

State College, PA
July/2023 – Present

- Initiated a research project involving data extraction of 200+ law firm websites using **Python** and effectively gathering detailed information from individual lawyer profiles about their practice areas, educational qualifications, and titles.
- Demonstrated advanced data analysis skills by processing large datasets of lawyer profiles with over 1,000 entries each, using R and Python to accurately distinguish between Bachelor's and Juris Doctor (JD) degrees, ensuring data integrity and precision.

Dolma Elementary School
Special Education Instructional Assistance

Seongnam-si, Gyeonggi-do
November/2020 – July/2022

- Innovated creative solutions to complex challenges as a Special Education Instructional Assistant, expanding my perspective and approach to problem-solving while working with 6 autistic children.
- Demonstrated expertise in supporting and advocating for autistic students in the classroom and beyond, utilizing deep understanding of their unique needs and challenges.

LEADERSHIP EXPERIENCES

PLO – Application Development Club
Vice President

State College, PA
August/2022 – Present

- Collaborated with 15 team members using strong communication skills to deliver a high-quality mobile application for trading used items on campus, promoting sustainability and reducing waste.
- Demonstrated a commitment to problem-solving and innovation by identifying a need in the campus community for a platform to trade used items, conducting market research, and leveraging design skills to contribute to the development of a solution.
- Spearheaded the design and development of a mobile application that facilitates sustainable practices on campus, collaborating with team members to create an intuitive and user-friendly interface using Figma.

PROJECTS

American Statistical Association DataFest – 1st place
Team Leader

State College, PA
March/2023

- Managed and led multidisciplinary team by demonstrating exceptional teamwork and project management abilities achieving the first place at American Statistical Association DataFest event.
- Developed an automated pro-bono qualification model, streamlining client-lawyer matching and ensuring efficient resource allocation.
- Analyzed claimed case trends across states and time periods, providing valuable insights for optimized lawyer distribution and addressing emerging legal needs.

Arsenal & Tottenham vs. Premier League's 'Big 6'
Data Analyst

State College, PA
January/2023 – May/2023

- Conducted an in-depth analysis of 10+ years of match data, covering 5K+ games, to evaluate Arsenal and Tottenham's performance in home and away matches against the Premier League's "Big 6" using **R** and **ANOVA**.
- Collaborated on extensive data collection and visualization, identifying significant performance interactions based on match location and offering research insights.

SKILLS

- Programming:** R | SQL | Python | Java Script | HTML | Excel | Figma