

AMOR AI

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EDUCATION

Carnegie Mellon University

May 2024 | Pittsburgh, PA

Bachelor of Science in Statistics, Bachelor of Arts in Psychology, Additional Major in Decision Science

- GPA: 3.95/4.0
- Coursework: Principles of Computing, Introduction to Probability Theory, Statistical Computing, Introduction to Statistical Inference, Matrix Algebra with Applications, Behavioral Decision Making, Decision Analysis, Modern Regression, Data Management Fundamentals, Introduction to Causal Inference, Advanced Methods for Data Analysis, Special Topics: Psychometrics: A Statistical Modeling Approach

University of Sussex

September 2023 - December 2023 | Brighton, UK

Visiting Student in the School of Psychology

- Coursework: The Psychology of Elite Performance, Cognitive Neuroscience, Health Psychology, Social Connection and Disconnection
- Collegiate Women's Basketball Team

RESEARCH & EXPERIENCE

Dietrich College Senior Honors Thesis

May 2023 – May 2024 | Pittsburgh, PA

Researcher — CMU, Department of Psychology & Department of Social and Decision Sciences

Advisors: Dr. Kody Manke-Miller & Dr. Kevin Jarbo

- “Investigating the Role of Performance Mindsets in Shaping Student Experiences with Stereotype Threat” (in prep)
 - Research project exploring how both negative and positive stereotypes can lead to a myriad of negative outcomes depending on a person's background or identity
 - Examining whether approach (vs avoidant) goal orientation could buffer the negative effects of the model minority stereotype for Asian American students
 - Study 1: Does the manner of stereotype activation (i.e., subtle vs blatant prime) lead to a particular performance goal mindset and consequently influence performance and well-being for Asian American students?

Pittsburgh Pirates (Baseball Operations Department)

May 2023 – July 2024 | Pittsburgh, PA

Intern — Data Science, Research & Development

- Analyzed and translated psychological assessment data into interactive applications, visualizations, and model interpretability tools to empower winning decision-making
- Built and implemented predictive models to value player performance using a variety of statistical and machine learning techniques
- Communicated research findings and ad hoc analyses to both technical and non-technical audiences (executives, coaches, scouts)
- Key member of the Head & Heart Task Force — tasked with identifying the makeup variables (traits, attributes, characteristics, intangibles, etc.) that drive long-term success and performance at the highest professional level

Data-Driven Diversity Lab (D3 Lab)

August 2021 – May 2024 | Pittsburgh, PA

Research Assistant — CMU, Department of Psychology & Department of Social and Decision Sciences

PI's: Dr. Kody Manke-Miller & Dr. Kevin Jarbo

- Research how different groups experience student success, thriving, and a sense of belonging by analyzing data and utilizing insights from psychology, behavioral economics, and decision science
- “Do the Source and Motivation of DEI Statements Matter?” (under review)
 - Designed an experimental IRB-approved research study on the effects of diversity, equity, and inclusion (DEI) statements in course syllabi on student well-being
 - In a 2 (authorship) x 2 (motivation) between-subjects study, we found that DEI statements thought to be authored by professors and included through intrinsic motivation led to increased faculty-student respect, as well as more comfort, belonging, and motivation in the classroom
 - Major contributor to the literature review, obtaining IRB approval, recruiting participants (on CMU's subject pool & Prolific), data cleaning and analysis, writing and revision of the manuscript, as well as leading a poster and conference presentation

Data Science in Sports Analytics (CMSACamp)

June 2022 – July 2022 | Pittsburgh, PA

Research Intern – Carnegie Mellon University, Department of Statistics & Data Science

- Selected as part of a 14-person cohort in an 8-week summer undergraduate experience focused on developing skills in statistical and data science methodology and applying these skills to a wide range of problems and contexts
- Final group project with external advisor Maxsim Horowitz (senior data scientist — Atlanta Hawks): [Is Breanna Stewart the LeBron James of the WNBA? Developing WNBA and NBA Archetypes and Playstyle Comparisons](#)

Summer Undergraduate Research Apprenticeship (SURA)

May 2021 - July 2021 | Pittsburgh, PA

Researcher — Carnegie Mellon University, Department of Statistics & Data Science

- Identified factors and patterns (using exploratory data analysis, open text analysis) that helped explain data reuse behavior of researchers

Pioneer Research Program

July 2019 - September 2019 | San Jose, CA

Researcher & Scholar

- Collaborated one-on-one with Professor Floyd-Thomas (Vanderbilt University) in an advanced study and research of “American Society Since 1968,” culminating in a full-length research paper about social media and online transparency

TEACHING

Introduction to Psychology

January 2023 – May 2023 | Pittsburgh, PA

Teaching Assistant — Carnegie Mellon University, Department of Psychology & Department of Social and Decision Sciences

- Primary duties included leading weekly recitations, holding office hours, grading, and responding to questions

Social Psychology

August 2022 – December 2022 | Pittsburgh, PA

Teaching Assistant — Carnegie Mellon University, Department of Psychology & Department of Social and Decision Sciences

- Primary duties included attending lectures, holding office hours, grading, and responding to questions

Methods for Statistics & Data Science

August 2021 – May 2024 | Pittsburgh, PA

Teaching Assistant — Carnegie Mellon University, Department of Statistics & Data Science

- Primary duties included running labs, holding office hours, grading, and responding to questions

Summer Undergraduate Research Apprenticeship (SURA)

May 2022 – August 2022 | Pittsburgh, PA

Teaching Assistant — Carnegie Mellon University, Office of Undergraduate Research and Scholar Development

- Primary duties included providing feedback, reviewing research proposals, responding to questions, and mentoring and advising students

Reasoning with Data

August 2021 – December 2021 | Pittsburgh, PA

Teaching Assistant — Carnegie Mellon University, Department of Statistics & Data Science

- Primary duties included running labs, holding office hours, grading, and responding to questions

HONORS & AWARDS

Phi Beta Kappa

May 2024

- Nation's oldest honorary society — recognizes and honors exceptional academic achievement in the arts and sciences

Senior Leadership Recognition

May 2024

- Recognizing seniors who have made an unparalleled impact on the community, leaving Carnegie Mellon a better place as a result of their leadership, vision and initiative

Dietrich College Dean's List, with High Honors

Fall 2020 – 2023, Spring 2021 – 2024

Presentation Award

Spring 2023

- Awarded to Carnegie Mellon undergraduate students or groups who are presenting their research at academic conferences (\$250)

Small Undergraduate Research Grants (SURG)

Spring 2022

- SURG program offers grants for materials and supplies to undergraduates at Carnegie Mellon for research in any field of study

PRESENTATIONS

“Do the Source and Motivation of DEI Statements Matter?”

- [National Psychology Summit Undergraduate Poster Session](#) — Research Category
- 36th Annual Ohio Undergraduate Psychology Research Conference
- [“Meeting of the Minds” — CMU's Undergraduate Research Symposium](#)

May 5, 2023

March 25, 2023 | Cleveland, OH

May 4, 2022 | Pittsburgh, PA

“Is Breanna Stewart the LeBron James of the WNBA? Developing WNBA and NBA Archetypes and Playstyle Comparisons”

- [2022 Carnegie Mellon Sports Analytics Conference](#)

October 29, 2022 | Pittsburgh, PA

SKILLS

- **Computer:** R, R Shiny, SQL, Github, Python, Microsoft Excel, MongoDB, Tableau
- **Research:** Qualtrics, Prolific, Gorilla, Amazon Mechanical Turk, IRB, Systematic Review
- **Data:** Hypothesis testing, statistical modeling, causal inference, principal component analysis, psychometric analysis, Bayesian inference, meta-analysis
- **Languages:** English (fluent), Chinese—Mandarin (fluent), French (intermediate)

ADDITIONAL EXPERIENCE & VOLUNTEER

Project Ignite

October 2021 – May 2022 | Pittsburgh, PA

Project Advisor — Carnegie Mellon University

- Mentored high school students and facilitated discussions about data science, machine learning, and decision science topics
- Created and delivered instructional materials about various decision science topics to encourage exploration and foster growth
- Provided equal opportunities for students of all socioeconomic backgrounds to learn new material and subsequently pursue personal projects that interested them

Chipotle Mexican Grill

January 2021- July 2021 | Issaquah, WA

Crew member

- Delivered excellent customer service in high-volume, fast-paced operations — working collaboratively to enhance performance and efficiency

Dream in DaLiangShan

July 2016, July 2017, July 2018 | Sichuan, China

Volunteer — Group Leader

- Taught and coordinated student activities for a non-profit organization serving underprivileged kids in China (100-150 hours of service each year)