

# AMOR AI

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## EDUCATION

### Carnegie Mellon University

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

- GPA: 3.95/4.0

May 2024 | Pittsburgh, PA

### University of Sussex

Visiting Student in the School of Psychology

- Coursework: The Psychology of Elite Performance, Cognitive Neuroscience, Health Psychology, Social Connection and Disconnection

September 2023 - December 2023 | Brighton, UK

## RESEARCH

### Data-Driven Diversity Lab (D3 Lab)

August 2021 – Present | Pittsburgh, PA

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

- 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
- Designed and lead a research study on the effects of diversity, equity, and inclusion statements in course syllabi on student well-being
  - “Do the Source and Motivation of DEI Statements Matter?” with Kay Nam; PT’s Kevin Jarbo, Kody Manke-Miller
- Conducted literature review and presented at the “Meeting of the Minds” — CMU’s Undergraduate Research Symposium (May 2022)
- Successful submission to the [National Psychology Summit Undergraduate Poster Session](#) — Research Category (May 2023)

### Data Science in Sports Analytics (CMSACamp)

June 2022 – July 2022 | Pittsburgh, PA

Researcher – 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](#)
- Presented at the [2022 Carnegie Mellon Sports Analytics Conference](#) to showcase our project (October 29, 2022)

### Summer Undergraduate Research Apprenticeship (SURA)

May 2021 - July 2021 | Seattle, WA

Research Member — 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 2023 | 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

## EXPERIENCE

### Pittsburgh Pirates (Baseball Operations Department)

May 2023 – Present | Pittsburgh, PA

Intern — Data Science, Research & Development

- Developed interactive applications, data 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)

### Chipotle Mexican Grill

January 2021- July 2021 | Issaquah, WA

Crew member

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

## HONORS & AWARDS

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### 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

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

- Ohio Undergraduate Psychology Research Conference, March 25, 2023

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

- Carnegie Mellon Sports Analytics Conference, October 29, 2022

## SKILLS

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- **Computer:** R, SQL, Python, Microsoft Excel, Github, MongoDB, Tableau
- **Languages:** English (fluent), Chinese—Mandarin (fluent), French (intermediate)

## VOLUNTEER

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### 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

### 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)