Alice (Ziyu) Zhou

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EDUCATION

New York University - College of Arts and Sciences, New York, NY   Sep.2020 - May 2024

Bachelor of Arts, Major: Psychology (Honors)   May 2024

Bachelor of Arts, Major: Philosophy

Minor: Mathematics

- **Cumulative GPA:** 3.97/4.0 (Summa Cum Laude)
- **Selected Quantitative Courses:** Statistics for Behavioral Sciences; Advanced Psychological Statistics; Data Science for Everyone; Linear Algebra; Calculus BC
- **Selected Psychology Courses:** Cognition; Perception; Cognitive Neuroscience; Developmental Psychology; Social Psychology; Neural Bases of Language
- **Honors:**
  - Induction into Phi Beta Kappa Society, 2024
  - Mary Rudie Barneby Research Scholar, 2023
  - Dean's Undergraduate Research Fund, 2023
  - Induction into Psi Chi Honors Society in Psychology, 2023
  - Dean's List for Academic Year, 2020-2023

RESEARCH EXPERIENCE

Maloney Lab, New York, NY   09/2023-Present

Honors Student | Advisor: Prof. Laurence Maloney

- Conducted research on probability learning and decision-making
- Designed and implemented experiment to investigate how humans reason about binary events and predict future events
- Developed a MATLAB program simulating strategies of probability learning
- Attended lab meetings, presented literature, and collaborated with researchers at the Maloney Lab to develop experimental methods

Research Assistant | Advisor: Prof. Laurence Maloney   02/2023-08-2023

- Led a research project examining individuals' decision strategies concerning delayed outcomes
- Designed an experiment investigating the interaction effect of delay and uncertainty on choice
- Extensively studied the lab's previous work on Signal Detection Theory and Bayesian Decision Theory

NYU Infant Action Lab, New York, NY   09/2021-05/2022

Research Assistant | Advisor: Prof. Karen Adolph

- Conducted research investigating the effect of toy dispersion on crawling and walking infants' locomotion and presented the paper at the Undergraduate Research Conference
- Developed coding schemes to quantify infant locomotion in free-play sessions and refined coding criteria to reduce ambiguity
- Coded videos of 20+ participants, presented literature at weekly meetings, and prepared figures for presentation with R
- Additional responsibilities included recruiting participants, running data collections, coding and analyzing data, creating protocols, participating in lab meetings, contributing to presentations and publications, and aiding with lab maintenance

INTERNSHIP EXPERIENCE

Volunteer | **Ai You Foundation,** Beijing, CN   06/2021-08/2021

- Donor Relationship Management
  - Supported fundraising campaigns and events and assisted in finalizing corporate philanthropy partnership agreement
  - Completed donor reports for July and August, including the overview, data update, and case stories for Children's Medical Care Project and Ai You Newborns Care Project
- Project Support
  - Prepared a list of designated hospitals for the Children's Medical Care Project and archived project-related documents
  - Archived the partnership agreement between the project and the hospitals, prepared catalogs, and verified the application material within the system of children who received treatment

Marketing Intern |**PalmDrive Inc.**, Beijing, China   Jan. 2021

- Managed the company's social network platform, including editing tweets and responding to readers' feedback
- Analyzed platform's user data weekly using Excel and formed reports
- Communicated with student contacts daily to update information in the online database

EXTRACURRICULAR ACTIVITIES

USG Representative | **NYU American Sign Language Club,** New York, NY   02/2022-Present

- Represented the ASL Club in the NYU Steinhardt Undergraduate Student Government (USG)
- Attended bi-weekly meetings and facilitated communication between the ASL E-board and the USG

Member | **NYU Philosophy Club,** New York, NY   09/2021-Present

- Co-led bi-weekly discussions and co-organized the annual NYU Philosophy Forum, including introducing panelists, facilitating discussions, and monitoring participation via Zoom

Member | **Active Minds (NYU Chapter),** New York, NY   09/2021-Present

- Involved in the annual Out of Darkness Walk organized by the American Foundation for Suicide Prevention to empower those affected by suicide and raise awareness for mental health issues

Participant | **The Ballet Company (NYU Chapter),** New York, NY   09/2021-Present

- Attended classes bi-weekly and practiced diligently

Editor | **NYU LIVE,** Shanghai, CN   09/2020-05/2021

- Served as editor of NYU LIVE, the university's largest Chinese student-run media platform
- Collaborated with team to interview hundreds of students and wrote articles in both English and Chinese for the organization's WeChat public account, achieving over 5K views

SKILLS

- **Language:** Chinese & English (Proficient); French (Elementary); American Sign Language (Beginner)
- **Computational Software:** MATLAB (Intermediate), Python (Beginner), SPSS & R (Beginner)
- **Other Computer Skills:** Datavyu; Microsoft Office Suite; Keynote; Adobe Premiere; Adobe Photoshop