**Christina (Jin) Capozzoli**

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**EDUCATION**

**University of Maryland, College Park, MD** GPA: 3.95

B.S., Neuroscience, Cognitive & Behavioral Track May 2022

Minor, Sustainability

Biology Honors Thesis: *The Link Between Infant Amygdala Connectivity and Behavioral Inhibition*, Defended with High Honors

**EXPERIENCE**

**Lab Manager**, Columbia Social Cognitive & Neural Sciences Lab August 2022-Present

* Improved efficiency of lab activities through maintenance of lab servers, hiring and training research assistants, launching web experiments, handling lab finances and IRB, and keeping lab websites up to date.
* Applied Hidden Markov Modeling (HMM) for event segmentation of continuous ratings for study investigating the neural mechanisms of personality perception
* Developed scripts in R and Python for streamlining data cleaning and analysis, generating stimuli

**Head Research Assistant**, NYU Social Identity & Morality Lab June 2022-August 2022

* Under the supervision of a post-Doc, enthusiastically led a team of 7 undergraduate research assistants to collect data via online experiments, clean data using a Ruby script and Excel, and improve organization
* Recruited and communicated with 50+ participants via SONA
* Prepared for and led weekly team lab meetings, created a safe space for addressing issues and asking questions, facilitated learning lab software through tutorials and well-documented protocols

**Undergraduate Research Assistant**, Child Development Lab Fall 2020-Spring 2022

* Assisted with in-lab infant/toddler behavioral and imaging data collection, and behavioral coding of infant reactivity
* Completed preprocessing, quality checks, and statistical analysis of fMRI data using MATLAB and R
* Developed and defended an honors thesis investigating the relationship between amygdala functional connectivity in infants and a risk factor for anxiety

**Undergraduate Research Assistant**, Applied Research Lab for Intelligence and Security Fall 2019-Spring 2020

* Assisted Dr. Polly O’Rourke in study of the effects of nerve stimulation on language learning in adults
* Analyzed heart rate monitoring data using Kubios HRV; Handled equipment for heart rate monitoring and nerve electrical stimulation

**Vice President of Events and Outreach,** One for the World UMD Chapter Spring 2022

* Planned outreach events to educate students about effective altruism and actions they could take to improve the lives of those in extreme poverty
* Created and led 50-minute workshop on the Effective Altruism movement at university-wide hackathon

**Over Sand Vehicle Project**, Team Co-Leader, Primary Programmer Spring 2019

* Co-led team of 8 students to design, construct, and test an autonomous over-sand vehicle for 1 semester
* Delegated roles; organized weekly meetings; facilitated communication between 4 sub-teams
* Programmed Arduino navigation and obstacle avoidance algorithm utilizing infrared and ultrasonic sensors

**Relevant Coursework**

* Fundamentals of Learning & Behavior; Language & Thought; Memory & Cognition; Cellular & Molecular Neuroscience; Neural Circuits; Research Methods in Psychology; Biometrics & Statistics

**HONORS & ACHIEVEMENTS**

**Biology Departmental Honors Program, received High Honors** Fall 2020-Spring 2022

**University Honors** Citation May 2022

**Maryland Summer Scholar** Summer 2021

**Dean’s List** Fall 2018-Spring 2022

**SKILLS**

**Computational:** Python (intermediate); R; Shell Scripting; JavaScript; MATLAB; C-based Arduino; Linux; Git; HTML

**Data Analysis**: fMRI preprocessing/analysis (CONN, AFNI); JAMOVI; SPSS; behavioral coding (Mangold INTERACT); neuronal activity (LabChart); Microsoft Office Suite