Mallika Pallipuram

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Education

University of Illinois Urbana-Champaign
Bachelors of Science in Information Sciences, minor in Psychology — August 2021-May 2025

- Relevant coursework: Data Structures and Algorithms, Perception and Sensory Processes, Computing in the Humanities, Reading and Writing Data

Professional Experience

Learning and Language Lab | Department of Psychology — Champaign, IL
Research Assistant, 10 hours per week — Fall 2022-present

- Assisted with data collection and analysis using ELAN software to transcribe day-long audio data for the Daylong Project in the Learning and Language Laboratory
- Conducted thorough reviews and discussions with peers on scientific literature relevant to the lab
- Co-Authoring a paper on the occurrence of disfluencies in spoken language

Delta Phi Omega Sorority Inc. — Champaign, IL
Sisterhood Chair — Fall 2023-present

- Planned over 8 team building events per semester to increase group morale and bonding
- Managed and maintained a semesterly budget by coordinating with different executive board members
- Fundraised for children's literacy and education with organizations such as Asha for Education and CARE
- Used Adobe Illustrator to design flyers and posters for events

The Collective Magazine — Champaign, IL
Graphic Design Intern — Fall 2023-present

- Designed magazine spreads, merchandise, and flyers to increase the magazine's overall revenue and campus wide event attendance
- Gained experience using graphic design tools such as Adobe InDesign, Photoshop, and Fresco

Projects

Transcript Quality Assurance Project | Learning and Language Lab — Spring 2023

- Developed a Python project to parse existing transcripts of day-long audio data to check for accuracy of the lab's transcription guidelines
- Project produced uniform data that complied with the lab's standards
- Demonstrated ability to handle and organize large datasets to ensure accuracy and consistency in data management processes

Naive Databases | CS 128 — Spring 2023

- Used C++ to implement a data structure that stores different types of homogenous data
- Decoded datasets by determining data types and converting information to the correct format
- Dynamically adjusted data structure as new data was incorporated while respecting capacity constraints

Technical Expertise

Python, C++, Java, HTML, ELAN, Praat, Adobe Photoshop, Microsoft Suite