TRAN LE

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EDUCATION AND HONORS

Cornell University — New York, USA
Psychology & Information Science, College of Arts and Sciences — *2023–2027*
    Cumulative GPA: 4.194/4.3
    Relevant Coursework: Statistics and Research Design • Introduction to Data Science for Social Scientists • Introduction to Human Development • Introduction to Computing: A Design and Development Perspective • Adolescence and Emerging Adulthood • Better Decisions for Life, Love and Money • Introductory Design and Programming for the Web
    Academic Awards: Foreign Students Scholarship — *2023-present*

RESEARCH EXPERIENCE

Cornell Phonetics Lab (PI: Professor Samuel Tilsen) — New York, USA
Research Assistant — *Aug 2024–Dec 2024*
- Studied the impact of online multiplayer gaming on dialects, speech patterns, and speech behaviors over time
- Reviewed Whisper-generated transcripts to identify transcription variants and create ground truth files
- Analyzed data from TextGrid files and produced visualizations to showcase trends and patterns in phonetic variations, lexical choices, and conversational structures

Research Project with Professor Shimon Edelman — New York, USA
Research Assistant — *Dec 2023–Dec 2024*
- Examined turn-taking timing variations in bilingual, autistic, Down syndrome, and typically developing infants
- Annotated recordings of Italian, Mandarin, and English caregiver-infant conversations by coding onsets and offsets
- Conducted literature reviews on turn-taking, word learning, caregiver feedback, attention, neuroscience, pragmatics, joint engagement, and computational frameworks
- Calculated reliability coding scores using intraclass correlation coefficient (ICC) and Cohen's kappa
- Completed courses in Collaborative Institutional Training Initiative (CITI Program): Full Course on RCR for Social and Behavioral Sciences, IRB Training - Basic, IRB Training - Research with Children

Independent Research Project with Dr. Lauren Grant — Online
Researcher — *Jun–Aug 2022*
- Mentored by a Postdoctoral Research Scholar in Aging and Cognition at Washington University in St. Louis
- Produced an 11,000-word literature review on the effectiveness of technological interventions (computerized cognitive training, video games, and virtual reality) in preventing and mitigating episodic memory decline
- Research paper link: https://bit.ly/TranLe_ResearchPaper

INTERNSHIP EXPERIENCE

Clinical Psychology Unit (Department of Neurology, University Medical Center HCMC) — Vietnam
Intern — *Jun–July 2024*
- Shadowed 65 counseling and therapy sessions led by a psychiatrist for patients with neurodevelopmental disorders, anxiety disorders, depressive disorders, and trauma- and stressor-related disorders
- Wrote comprehensive case studies by summarizing patients' problems and backgrounds, conducting assessments using multimodal therapy (BASIC I.D.), formulating diagnoses using DSM-V, and designing interventions
- Observed the application of cognitive behavioral therapy (CBT), dialectical behavioral therapy (DBT), neuro-linguistic programming (NLP), laughter therapy, and breathing techniques

SKILLS

Computer Skills: Python, R, Jupyter Notebook, GitHub, ELAN, Praat, HTML, CSS, JavaScript, Canva, CapCut, Panopto, Powtoon, Google Workspace, Microsoft Office

ACTIVITIES

Women in Computing at Cornell (Incoming Faculty Relations Director) • Cornell Undergraduate Research Board (Peer Mentor) • Psi Chi (Member) • Translator Interpreter Program (Volunteer)