

# TRAN LE

[tnl22@cornell.edu](mailto:tnl22@cornell.edu) | <https://www.linkedin.com/in/tranle3010/>

## EDUCATION AND HONORS

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### Cornell University

*Psychology & Information Science, College of Arts and Sciences*

Cumulative GPA: 4.194/4.3

New York, USA

2023–2027

### Academic Awards

Foreign Students Scholarship (Cornell University)

2023–present

## RESEARCH EXPERIENCE

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### Cornell Phonetics Lab (PI: Professor Samuel Tilsen)

*Research Assistant*

New York, USA

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

*Research Assistant*

New York, USA

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

*Researcher*

Online

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](https://bit.ly/TranLe_ResearchPaper)

## INTERNSHIP EXPERIENCE

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### Clinical Psychology Unit (Department of Neurology, University Medical Center HCMC)

*Intern*

Vietnam

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

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

## ACTIVITIES

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