

Joyce Huang

joycexintianhuang@gmail.com | linkedin.com/in/joycexhuang | github.com/joycexhuang

RESEARCH INTERESTS

Computational linguistics, Speech production and perception, Speech intelligibility, Language acquisition, Bi/Multilingualism

EDUCATION

Northwestern University <i>Bachelor of Arts in Computer Science, Linguistics; Minor in Asian American Studies</i>	Evanston, IL Sept. 2023 – June 2027
University of Oxford <i>Exeter College Summer Program</i>	Oxford, UK July 2025 – Aug. 2025
University of Wisconsin–Platteville <i>Early College Credit Program</i>	Platteville, WI Sept. 2022 – May 2023

RESEARCH EXPERIENCE

Undergraduate Researcher, Research Assistant <i>Northwestern University Speech Communication Research Group</i>	Jan. 2025 – Present Evanston, IL
Research Assistant <i>Northwestern University Prosody and Speech Dynamics Lab</i>	Apr. 2024 – Nov. 2024 Evanston, IL
Research Assistant <i>Volunteer - Northwestern University Pain and Passions Lab</i>	Dec. 2023 – Present Evanston, IL

EMPLOYMENT

Transcription/Subtitling Freelancer & Data Annotator <i>ElevenLabs</i>	Aug. 2025 – Present Online
English Teacher <i>George English</i>	July 2023 – Aug. 2023 Wenzhou, CN
Chinese-to-English Subtitle Translator <i>Kukan Culture Communicated Co. Ltd.</i>	July 2020 – Nov. 2020 Online

SERVICE

Curriculum Review Committee Member <i>Weinberg College</i>	Oct. 2025 – Present Evanston, IL
NACLO at Northwestern Committee President <i>Northwestern University Department of Linguistics</i>	Oct. 2025 – Present Evanston, IL
Linguistics Department Representative <i>Weinberg College Student Advisory Board</i>	Oct. 2024 – Present Evanston, IL
Purple Preview Host <i>Northwestern University Office of Undergraduate Admissions</i>	Oct. 2024 – Present Evanston, IL
NACLO at Northwestern Committee Co-President <i>Northwestern University Department of Linguistics</i>	Oct. 2024 – Oct. 2025 Evanston, IL
NACLO at Northwestern Committee Coordinator <i>Northwestern University Department of Linguistics</i>	Oct. 2023 – Oct. 2024 Evanston, IL

VOLUNTEERING

Spanish Group ESL Class Teaching Assistant <i>University of Wisconsin–Platteville</i>	July 2022 – Sept. 2022 Platteville, WI
Afghanistan Group ESL Class Teaching Assistant <i>University of Wisconsin–Platteville</i>	June 2022 – July 2022 Platteville, WI
ESL Tutor <i>Independent</i>	Nov. 2020 – May 2021 Online

AWARDS, SCHOLARSHIPS, FELLOWSHIPS

Summer Undergraduate Research Grant – \$4000 <i>Northwestern University Office of Undergraduate Research</i>	Evanston, IL <i>Jun. 2026 – Aug. 2026</i>
Academic Year Undergraduate Research Grant – \$750 <i>Northwestern University Office of Undergraduate Research</i>	Evanston, IL <i>Oct. 2025 – Present</i>
Cindy Tang Scholarship – \$1,000/year (4-year award) <i>Community Foundation of Southern Wisconsin</i>	Platteville, WI <i>Sept. 2023 – Present</i>
William J. Broske Scholarship – \$5,000 initial award; renewable \$2,000 <i>Platteville High School Scholarship Fund</i>	Platteville, WI <i>Sept. 2023 – June 2025</i>
Valedictorian <i>Platteville High School</i>	Platteville, WI <i>June 2023</i>
Academic Excellence Scholarship <i>Higher Educational Aids Board</i>	Platteville, WI <i>May 2023</i>
National Merit Scholar Finalist <i>National Merit Scholarship Corporation</i>	Platteville, WI <i>May 2023</i>

PROJECTS

Personal Website React, Vite, Javascript, CSS, HTML, Firebase	Nov. 2025 – Present
F1 Perception Experiment Vue, Javascript, CSS, HTML, Firebase, Figma	Oct. 2025 – Present

PUBLICATIONS & CONFERENCE PROCEEDINGS

Huang, J. (2026, May 21). Say what again?: Investigating the intelligibility of Formula 1 driver speech across various situations, contexts, and language backgrounds. Undergraduate Research Expo, Northwestern University.
<https://doi.org/10.21985/n2-sng6-2443>

Huang, J. (2025, May 23). Say what again?: Investigating the intelligibility of Formula 1 driver speech between situations, contexts, and language backgrounds: A first report. Undergraduate Research Expo, Northwestern University.
<https://doi.org/10.21985/n2-f793-xx04>

TECHNICAL SKILLS

Languages: Python, R, SQL, NoSQL, JavaScript, C/C++, Swift, HTML/CSS
Libraries & Frameworks: Tidyverse (dplyr, ggplot2), pandas, NumPy, React, Vue, Scikit-learn, TensorFlow, PyTorch
Cloud & DevOps: AWS (S3, RDS), Docker, Git, npm, Node.js
Tools & Design: RStudio, VS Code, Jupyter, IntelliJ, Firebase Console, Adobe Creative Suite, Figma
Data Expertise: Data Wrangling, JSON Processing, Statistical Visualization, ETL Pipelines

LANGUAGES

Native: English, Mandarin Chinese
Proficient: Wenzhounese (Dialect), Spanish
Beginner: Korean

Last Updated: June 1, 2026