

# Shunki Kure

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## PROFESSIONAL EXPERIENCE

### Graduate Research Assistant

August 2025 - Present

#### University of North Carolina at Chapel Hill, USA

- AI Product Development: Spearheaded the design and development of "Discuss Ready," an AI-supported learning system. Integrated the Interactive, Constructive, Active, and Passive framework (ICAP) into prompt engineering to guide student interactions and collaborated on optimizing a Self-Regulated Learning (SRL) app to enhance metacognitive support.
- UX Research & Iterative Design: Conducted iterative usability testing (4 rounds) for "Discuss Ready," improved prompt alignment by 40% through systematic large language model evaluation.
- Learning Analytics & Publication: Used quantitative analysis, including process mining, to evaluate student and teacher interactions with AI feedback. Authored a full paper at the SITE 2026 conference.

### Teaching Assistant - Team Lead

April 2023 - July 2024

#### N-S High School, Japan

- Curriculum Customization: Facilitated project-based learning and English classes for >100 students annually. Adapted pre-designed materials with student-centered content.
- Leadership & Workshops: Promoted to manage the TA team. Spearheaded interactive language and college-prep workshops, reaching 150 students annually.
- Cross-Functional Collaboration: Collaborated with cross-departmental faculty (career and language education) to tailor instructional content.

## EDUCATION

### University of North Carolina at Chapel Hill

August 2025 - Present

Master of Education in Educational Innovation, Technology and Entrepreneurship (MEITE)  
Track: Adaptive Learning Analyst

- Relevant Coursework: UX Research, Learning Analytics, and Learning Sciences.
- Focused on leveraging data and AI to design personalized, adaptive learning environments.

### University of Texas at Austin

August 2024 - May 2025

Academic English Program

- Developed advanced proficiency in Academic Writing and communication within US higher education contexts.

### Kwansei Gakuin University

2020 - 2024

Bachelor of Arts in Sociology

- Honors: Awarded Best Senior Thesis for research in Quantitative Sociology.
- Leadership: Led the Faculty Student Organization, managing student-led initiatives.

## SKILLS

Learning Sciences & Pedagogy:  
ICAP Framework,  
Self-Regulated Learning (SRL),  
Cognitive Load, Scaffolding,  
Adaptive Learning

Instructional Design & Strategy:  
ADDIE, Backward Design,  
Design Thinking,  
Curriculum Design,  
Faculty Development

Research & Learning Analytics:  
UX Research,  
Usability Testing,  
Learning Analytics,  
Survey Design, Data Visualization

AI & Programming:  
Prompt Engineering, Python,  
R, SPSS

EdTech & Multimedia Tools:  
LMS (Canvas),  
Figma, Adobe Premiere Pro

## LANGUAGES

English (Fluent)  
Japanese (Native),  
Mandarin (Fluent),