Yuying (Sofie) Wang

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EDUCATION

University College London (UCL) <div align="right">**London, UK**</div>
BSc Psychology with Education <div align="right">*09/2023 - 07/2026*</div>

RESEARCH EXPERIENCES

Department of Informatics and Networked Systems <div align="right">**Remote**</div>
*Research Assistant | Advisor: Dr. Raquel Coelho, **University of Pittsburgh*** <div align="right">*05/2025 - 09/2025*</div>
Goal: *To make quantum information science accessible to high-school novices by systematically mapping and visualizing core concepts for the Quantum Information Science Summer Camp*

- Sourced, screened, and archived beginner-friendly papers and media on qubits, entanglement, and superposition
- Built and iterated shareable mind maps that distilled complex ideas into clear visuals for curriculum planning
- Translated academic content into slide outlines and classroom prompts, ready for direct use in the camp schedule
- Coded and analysed post-camp interview transcripts to identify students' conceptual shifts and engagement patterns

Public Awareness of Dyslexia in China <div align="right">**London, UK**</div>
*Research Assistant | Advisor: Dr. Juhayna Taha, **UCL*** <div align="right">*01/2025 - 03/2025*</div>
Context: *Quantify and explain regional variation in Chinese public understanding of dyslexia*

- Line-edited both Chinese and English versions of the questionnaire, refining 20 terminology and grammar points to ensure clarity, cultural fit, and zero ambiguity
- Incorporated cognitive-interview feedback and team discussions to implement five scale revisions (merged redundant items, expanded diagnostic-agent list, added intervention-resource options)
- Co-developed a three-strata (province, urban/rural, income) quota plan ensuring coverage of 31 provinces & rural areas

INDUSTRIAL EXPERIENCES

Centre Testing International Group Co., Ltd. (CTI) <div align="right">**Shanghai, China**</div>
User Research Intern | Food & Biochemical Division | 40hrs/week <div align="right">*06/2025 - 08/2025*</div>

- Designed 30-dimension questionnaires covering appearance, texture, skin-feel, efficacy, etc.; conducted standardized in-lab assessments for food and personal-care samples, and collected user-experience responses
- Cleaned data in Excel & SPSS and authored analytical reports to inform product iterations

PROJECTS

Quantum-Concept Monopoly: A Game-Based Learning Tool <div align="right">*05/2025 - 09/2025*</div>

- Drew on insights from the Q-JAM summer camp to design a board-game learning tool for high-school students, translating abstract concepts such as superposition and entanglement into tangible Monopoly-style mechanics
- Authored a game-mechanics document that maps quantum-state collapse and measurement error to dice-triggered events and probability visualization, resulting in a playable prototype
- Produced structured mind maps of five core quantum concepts (qubit, superposition, entanglement, quantum states, measurement) to maintain scientific accuracy

Moodie Tales: Emotion-Driven Bedtime Stories <div align="right">*03/2025 - 07/2025*</div>

- Observed 3–8-year-olds expressing intense yet unclear emotions and parents lacking daily support tools
- Surveyed 15 parents: 80 % track emotions daily, 68.7 % believe logging aids expression, 86.7 % want an app generating bedtime stories from mood keywords
- Designed "mood keyword → LLM custom story" loop; delivered bilingual keyword library, story template, and high-fidelity Figma prototype

Assessing Sleep Quality and Life Satisfaction among University Students   *12/2024*

- Designed a 6-item Sleep-Quality scale (α=0.60) and a 6-item Life-Satisfaction scale (α=0.80); collected 50 responses
- Conducted reverse-coding, outlier checks, and Spearman's correlation in R: $r_s(48)=0.57$, $p<0.001$
- Delivered 1,474-word report highlighting implications for first-year sleep-intervention programs

Examining the Relationship between Social Media Use and Self-Esteem   *04/2024*

- Administered Rosenberg Self-Esteem Scale and a 5-item Social-Media-Engagement questionnaire to 66 UK students
- Performed reverse-coding, descriptive statistics, and Spearman's correlation in R Studio: $r_s(64)=0.06$, $p=0.63$
- Authored report discussing sample limitations and future directions

LEADERSHIP

EZ Wellbeing Connection | *Head of Public Relations & Communications*   *09/2024 - Present*

- Contacted over 100 therapists and mental-health platforms to assess partnership potential and secure collaborations
- Conducted regular check-ins with partner organizations to boost engagement and brand visibility
- Craft WeChat articles and campaign visuals; online events drove a 45% month-over-month increase in readership
- Co-built and maintained the official website, integrating registration and resource-download features

SKILLS & CERTIFICATES

Programming & Data: *Python, R Studio, SPSS*
Experiment & Prototyping: *PsychoPy, Figma*
Certificates: *Carnegie Mellon University – LearnLab "UX Design for Effective Instruction";*
Peking University – PKU Summer School International 2024 (Images and Society)
Languages: *Chinese (native), English (proficient), Spanish (elementary)*