

CV

Zhiyun Qin

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EDUCATION

UNIVERSITY OF MANCHESTER

Sept 2024 - Sept 2025

Master of Experimental Psychology with Data Science

Key skills acquired: Advanced Data Skills, Open Science, Mixed Models, Bayesian Statistics, Machine Learning, and Computational Tools; developed proficiency in analyzing user behavior using quantitative and qualitative methods, and programming for large datasets.

SOUTHWEST JIAOTONG UNIVERSITY

Sept 2018 - Jul 2022

Bachelor of Applied Psychology

GPA:3.62/4 AVG: 89.05/100

Key skills acquired: Programming, Psychological Statistics, SPSS, Cognitive Psychology, Research Methodology; Conducted in-depth user studies during coursework to analyze user interaction and perception.

WORK EXPERIENCE

Intern Mental Health Teacher, Huilongpu Middle School

Jan 2023 – Feb 2024

- ✧ Designed and conducted workshops for 4th and 5th-grade students to alleviate academic stress, fostering a supportive learning environment.
- ✧ Applied user research techniques (interviews, questionnaires) to assess the impact of interventions.

RESEARCH EXPERIENCE

Global-local Precedence in Chinese Character Recognition---Evidence from Eye-movement and Reaction Time

Second Leader

- ✧ Conducted an experiment validating global-local precedence in Chinese character recognition, leveraging eye-tracking data.
- ✧ Designed research protocols, collected data from 68 participants, and analyzed results using SPSS.
- ✧ Authored a comprehensive report identifying user-specific interaction patterns.

Analysis of the Current Resilience and Its Influencing Factors Among Generation Z University Students

Team Leader

- ✧ Explored resilience factors using mixed methods: 400 questionnaires and 20 in-

depth interviews.

- ✧ Demonstrated strong qualitative and quantitative research capabilities, producing actionable insights for improving social support frameworks.

The 3rd "Transportation·Future" University Students' Science and Technology Innovation Contest: *Management of psychological issues in public transportation drivers*

Second Leader

- ✧ Conducted over 600 questionnaires and interviews to analyze psychological health in public transportation.
- ✧ Developed practical frameworks for mental health management, recognized with a National First Prize for innovative and practical solutions.

EXTRACURRICULAR EXPERIENCE

President, University Student Life Sciences Association

Sep 2020-Jun 2021

- ✧ Organized user-focused events, such as graduate sharing sessions, increasing student engagement and satisfaction.

Class Monitor, Psychological Research and Counseling Center Class

Jan 2020-Feb 2020

- ✧ Oversaw class affairs and executed tasks as directed by faculty. Played a key role in sustaining a positive class environment, promoting teamwork and respect among peers.

Student Assistant at the Enrollment and Employment Office

Sep 2019-Sep 2020

- ✧ Assisted over 100 students in navigating graduation and career pathways, demonstrating empathy and user-centric problem-solving.

AWARDS

- ✧ Awarded the Third Prize of the 2020-2021 Southwest Jiaotong University Comprehensive Scholarship
- ✧ Awarded the National First Prize of the Third "Transportation·Future" University Students Scientific and Technological Works Competition
- ✧ Awarded the Third Prize of the 2019-2020 Southwest Jiaotong University Comprehensive Scholarship
- ✧ Awarded Outstanding Student Cadre of Southwest Jiaotong University
- ✧ Awarded Outstanding Communist Youth League member of Southwest Jiaotong University
- ✧ Awarded First place in the 6th Sports Dance Competition of Southwest Jiaotong University

SKILLS AND QUALIFICATIONS

- ✧ **User Research Methods:** focus group, face-to-face Interviews, questionnaires, usability testing, heuristic evaluation, eye-tracking.
- ✧ **Data Analysis:** Proficient in SPSS, R, and Python for statistical modeling and machine learning
- ✧ **Communication:** Strong written and verbal presentation skills; capable of translating research findings into actionable strategies.
- ✧ **Languages:** IELTS 7.5, CET 6.
- ✧ **Programming:** Advanced in R, SPSS, and e-Prime; intermediate in C++.