

XIAOLU BAI

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EDUCATION

Master of Science in Psychology, Option in Human Factors
California State University, Long Beach, CA

May 2020

Bachelor of Science in Psychological Science
Bachelor of Science in Applied Statistics
Purdue University, West Lafayette, IN

May 2018

POSTER PRESENTATION

Simulated Construction Equipment Training with Internal Focus Attention and External Focus Attention

Mentor: Dr. Robert W. Proctor and Dr. Phillip S. Dunston
Department of Psychological Science, Purdue University

Towards Consolidating the UX knowledge

Mentor: Dr. Colin M. Gray
Department of Computer Graphics Technology, Purdue University

RESEARCH EXPERIENCE

Center of Usability and Accessibility in Design, Cal State Long Beach
Lab Manager

Aug. 2019 - Present

- Coordinate collaborative research
- Analyze data from evaluations and surveys

Graduate Research Assistant

Aug. 2018 - Jul. 2019

- Designed and formatted online instructional courses to ensure course accessibility
- Evaluated E-books with accessibility guidelines

Miles' Lab, Department of Psychology, Cal State Long Beach
Graduate Research Assistant

Feb. 2019 - Present

- Investigate the take-over patterns on self-driving cars (level 2 automation)
- Create driving simulation in virtual reality environment for research use
- Program car physics, data collection system and traffic system

Fit, Interests, and Thriving (FIT) Lab, Purdue
Undergraduate Research Assistant

Jan. 2016 - May 2016

- Collected data about diversity in the workplace from Fortune 500 companies
- Reviewed literature about deep-level diversity in the workplace

Self, Motivation, and Social Identity Lab, Purdue
Undergraduate Research Assistant

Aug. 2015 - May 2016

- Helped prepare stimulus materials for the experiments.
- Led participants to do experiments
- Organized and categorized existing data of a past research to prepare for data analysis

WORK EXPERIENCE

Yingke Live Streaming, Beijing, China

User Researcher

May 2018 - Aug. 2018

- Constructed satisfaction survey based on user experience principles, and analyzed data to accomplish a report
- Evaluated competing products and compared their functions and marketing strategies to prepare a competitive analysis
- Collected and organized feedback from user interviews

TEACHING

PSY 110 Introductory Statistics in Psychology, Cal State Long Beach

Teaching Assistant

Fall 2018

HONORS & AWARDS

Office of Undergraduate Research (OUR) Scholar, Purdue

2018

Discovery Park Undergraduate Research Internship (DURI) Fellowship, Purdue

2016

SKILLS

Programming languages: C#, R, Visual Basic, HTML, CSS

Statistics software: SPSS, SAS

Other software: Unity