

Zihan Wu

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Ph.D. student

University of Michigan, School of Information

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RESEARCH INTERESTS

Human-Computer Interaction, Educational Technology

EDUCATION

University of Michigan, Ann Arbor

Ann Arbor, MI, USA

Ph.D. in Information

Aug. 2020 – Present

Advisors: Barbara Ericson, Christopher Brooks

Tsinghua University

Beijing, China

B.E. in Computer Science and Technology

Sept. 2016 – Jul. 2020

B.S. in Psychology (Second Major)

PUBLICATIONS

Zihan Wu, Barbara Ericson, Christopher Brooks. (2021)

Regex Parsons: Using Horizontal Parsons Problems to Scaffold Learning Regex. *Poster, under review*

Zihan Wu, Chun Yu, Xuhai Xu, Tong Wei, Tianyuan Zou, Ruolin Wang, Yuanchun Shi. (2021)

LightWrite: Teach Handwriting to The Visually Impaired with A Smartphone. *CHI Conference on Human Factors in Computing Systems (CHI '21)*.

April Y. Wang, **Zihan Wu**, Christopher Brooks, Steve Oney. (2020)

Callisto: Capturing the "Why" by Connecting Conversations with Computational Narratives. *CHI Conference on Human Factors in Computing Systems (CHI '20)*.

Honorable Mention Award (top 5%)

TEACHING EXPERIENCE

SIADS 505 - Data Manipulation

Ann Arbor, MI, USA

Graduate Student Instructor

Fall 2021

Master of Applied Data Science (MADS) Program at UMSI

SIADS 631 - Experiment Design and Analysis

Ann Arbor, MI, USA

Graduate Student Instructor

Fall 2021

Master of Applied Data Science (MADS) Program at UMSI

RESEARCH INTERNSHIPS

Research Assistant, School of Information, University of Michigan, Ann Arbor

Mentors: Steve Oney, Christopher Brooks

Jul. 2019 – Sept. 2019

We extended Jupyter Notebook to enhance collaboration in data scientists. The related paper has been admitted to CHI2020.

Research Assistant, Group of Pervasive Human Computer Interaction, Tsinghua University

Mentors: Chun Yu, Xin Yi

Feb. 2019 – Sept. 2019

Our team designed a VR-based peripheral menu which can be selected only by eye movements.

PROFESSIONAL EXPERIENCE

Google. LLC

Engineering Practicum Intern

Beijing, China

Jul.2018 – Sept. 2018