**Hanhui Bao**

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# EDUCATION

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| **University of Tennessee, Knoxville** | **Knoxville, TN** |
| *Doctor of Philosophy (Learning, Design, and Technology)*  Advisors: Dr. Joshua M. Rosenberg, Dr. Rachel M. Wong | *08/2023-Current* |
| **Johns Hopkins University** | **Baltimore, MD** |
| *Master of Science in Education (STEM Focus)*  Advisor: Dr. Stephen Pape | *8/2022 – 7/2023* |
| **Wenzhou University** | **Wenzhou, CHN** |
| *Bachelor of Law in Ideological and Political Education*    **PUBLICATIONS** | *9/2018 – 6/2022* |

(Under Review) Fadel, M., **Bao, H.,** Zhang, A., Hao, T., Llamas, J., Llamas, M. Building Pathways for Female Leaders' Economic Empowerment*. The Scholarship Without Borders Journal.*

(Under Review) Hao, T., Liu, Z., **Bao, H.,** Chen, S., Llamas, J., Llamas, M. Gamification as an Effective Method in Developing Leadership Skills and Competencies*. The Scholarship Without Borders Journal.*

(Manuscripts) Winn, J., Hao, T., **Bao, H.,** Xin, G., Shui, X. (2023). Video Game of Leadership

Development: A Systematic Review (2012-2022). https://osf.io/jv4yk/

# CONFERENCES (\* as a presenting author)

Wang, J., Wang, X., Zhang, Q., **Bao, H.,** Zhao, Z., Neitzel, A.J. (2023). Risk of Bias Tools in Systematic Reviews of Interventions PK-12 Education: A Critical Analysis of Studies in Review of Educational Research. *The Society for Research on Educational Effectiveness.* Arlington, VA.

Lishinski, A., \*Bao, H.,, Rosenberg, J. M., (2024). Self-efficacy Interventions for CS1. The Technical Symposium on Computer Science Education. Portland, OR.

Wang, X., \*Bao, H.,(2024). Review of Learner Autonomy Scales: Mapping the Landscape of Measurement Tools in Autonomy Interventions. American Educational Research Association Annual Meeting. Philadelphia, PA.

Xiao, F., Pan, H., Yang, D., Bao, H., Zhang, K., Zhao, J., Collins, P., Warschauer, M. (2024). Children's Shared Bilingual Reading with an Interactive E-book versus Printed Book: What’s Behind the Scenes? American Educational Research Association Annual Meeting. Philadelphia, PA.

Garner, A. V., \*Bao, H., (2024). Collect, Analyze Interpret, Oh My! 7th grade students’ Intended Engagements in the OpenSciEd Curriculum. National Association for Research in Science Teaching. Denver, CO.

# PROFESSIONAL EXPERIENCE

## Department of Theory and Practice in Teacher Education, UT Knoxville Knoxville, TN

*Graduate Research Assistant* 08/2023 – Current

PI: Dr. Alex Lishinski

 Work as a GRA in the NSF project: Broadening Participation in Introductory Computer Science: Investigating Self-Assessment Practices for Increasing Student Learning and SelfEfficacy in Two Institutional Contexts.

# SERVICE

Reviewer - National Association for Research in Science Teaching Conferences. 2024

Reviewer - The Technical Symposium on Computer Science Education. 2024

**SCHOLARSHIP**

Graduate School Fellowship at UTK: 2023fall, 2024spring

# RESEARCH EXPERIENCE

## Center for Research and Reform in Education, Johns Hopkins University Baltimore, MD

*Research Assistant 9/2022 – 06/2023*

Faculty Advisors: Dr. Amanda Neitzel(Inns)

* Review latest professional educational papers, extract key information, and write paper briefs in Lay-person terms to be published on the website ‘Best Evidence in Brief Index’, aiming to provide latest educational newsletter for public
* Conduct meta-analysis studies focused on secondary mathematics grades to inspect the implementation and effectiveness of different mathematics programs. The studies are generally used to improve curriculum tools or instructional methods

## Digital Learning Lab, University of California, Irvine Irvine, CA

*Research Assistant 8/2022 - Current*

Lead Researcher: Dr. Dandan Yang

* Use CLANc software to record talks and translate into text files (CLAN file)
* Translate CLAN files into Excel data, aiming to record the bilingual interactions, e.g., conversations and gazes between children and parents
* Check other team members’ coding files according to the coding standard to ensure the

reliability of data

* Data cleaning & analysis
* Academic writing

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| **Soul Stori LLC.** | **New York, NY** |
| *Research Assistant* | *12/2022-1/2022* |

* Conducted literature review research work about compassion teaching and social emotional learning

## Institute of Big Data and Information Technology, Wenzhou University Wenzhou, CHN

*Research Assistant 5/2021 – 6/2022*

Faculty Advisor: Professor Yuanchun Zhang & Professor Zhiling Yang

* Optimized identity authentication system by designing an identity middle end (compared to front end and backend), aiming to reduce the authentication process redundancy, and achieving data sharing
* Collected feedback from students, faculty, and staff, using MySQL to analyze data

# INTERNSHIP & VOLUNTEER EXPERIENCE

**ConnectEd Organization Remote** *Volunteer 6/2022 - Current*

* Explore and collect professors and scholars’ information, send them emails and slack invitations to invite them to join our academic sharing group
* Ask scholars whether they have Ph.D. or lab assistant positions

## Johns Hopkins University School of Engineering Baltimore, MD

*Mathematics Tutor 02/2023-05/2023*

 Provided mathematics tutoring for 5th graders at Henderson-Hopkins School

## Youth Tutorial Library Program, Johns Hopkins University Baltimore, MD

*Tutor Volunteer 9/2022 – 04/2023*

* Provide math tutor service for local students
* Work as the consistent tutor for a student with ADHD

## Wenzhou Autism Center Wenzhou, CHN

*Volunteer 10/ 2019 – 6/2022*

* Had music, art, and science classes with students with autism
* Mentored one student
* Developed partnership with parents to create rehabilitation program

## Italy International School-Naples Campus Remote

*Teacher 9/2021 – 1/2022*

 Taught English to the overseas Chinese students (aged 7-10)

## College of Foreign Languages, Wenzhou University Wenzhou, CHN

*Online Bilingual Teacher, Summer Practice Activity 7/2021/ - 8/2021*

* Shared the content of Yuanqu (An ancient Chinese poetic form) with Chinese children from

Italian Chinese School, Markay International Chinese School

* Taught Chinese to junior students, shared Chinese myths and fables to senior students

## Wenzhou Wutian No.1 Middle School Wenzhou, CHN

*Teacher Intern*   *4/2021 - 6/2021*

* Lectured for Grade 8 and Grade 9 students
* Managed class administration work

# SKILLS

Language skills: Mandarin (native), English (fluent), Spanish(beginner)

Computer skills: Microsoft, Google drive, SQL, Python, R studio, HTML