Pei-Shan Hsieh

E-mail: peishsieh@gmail.com

Website: Pei-Shan Hsieh Portfolio

Qualification

- **Learner-centered instruction design** (Project: Women's Guidance on Cycling Around Taiwan)

- **Canvas online course construction**: Experience in assisting in 10 plus courses.

- **Need analysis** (Project: Needs analysis for the Office of Diversity, Equity, and Inclusion (DEI)

- **Infographic design (Adobe Illustrator)**: (1) Bloomington Cycling Tour Map and (2) IU Dining Work Guide

  *My design was reported on the Spotlight: Connection Through Biking, Indiana University Bloomington.

- **Problem-based learning design** (Project: Engaging activities of accessibility – personas of various disabilities)

- **Quality Matters**: (1) Quality Matters Access Certificate and (2) Independent Applying the QM Rubric Workshop

- **Accessibility analysis**: WCAG 2.1, CAST's UDL, WebAIM, and MathJax.

Work & Intern Experience

Indiana University, Bloomington, IN

- Sep 2022 – Present: Assistant Online Instructional Designer (remote), eLearning Design and Services (eDS)
  - Assisted in the construction of online courses on Canvas, e.g., creating modules, accessible syllabus, etc.
  - Developed instructional materials with multimedia: visual instruction, instructional video, HTML & CSS etc.
  - Contributed to the development of accessibility and UDL training, and accessibility innovative practices.

- Oct 2022 – Jan 2023: Bepko Intern (remote), Research and Education Networks Information Sharing and Analysis Center (REN-ISAC)
  - Ensured that the REN-ISAC Threat Intelligence Platform is compliant with the WCAG 2.1.
  - Developed a feature optimization and accessibility improvement report for the REN-ISAC Platform.

- Jun – Jul 2022, Student Intern (hybrid), Omni Security Operations Center (OmniSOC)
  - Acquired skills and knowledge in the areas of threat hunting, log analysis, network security, and SIEM tools.

National Taiwan University, Taipei, Taiwan

- Dec 2018 – Jul 2021: Project Manager (full-time), Center for Teaching and Learning Development
  - Full charge of a performance support system aimed at assisting faculty in effectively advising at-risk students.
  - Supervised the design and development of a campus-wide tutoring services platform.

- Sep 2015 – Dec 2018: Project Coordinator (full-time), Center for Teaching and Learning Development
  - Supervised students' active learning projects and cross-campus student study groups.
  - Supervised and guided socioeconomically disadvantaged students' active learning projects.

Education

- M.S. in Instructional Systems Technology, Indiana University, Bloomington, IN, 2023

- M.A. in History, National Taiwan University, Taipei, Taiwan, 2015

- B.A. in History, National Taiwan Normal University, Taipei, Taiwan, 2009

  *Completed Teacher Education Program (24 cr.) in College of Education

Certificate

- Creating an Accessible Syllabus Using Microsoft Word, Indiana University, May 2023

- Independent Applying the QM Rubric (APPQMR), Quality Matters, May 2023 (Workshop completed)

- Quality Matters (QM) Access Certificate, Quality Matters, Apr 2023

- Introductory Web Accessibility, Indiana University, Nov 2022

- ADA Awareness for Faculty at Bloomington and the Regional Campuses, Indiana University, Oct 2022

- Information System Training Program, Department of Computer Science and Information Engineering, National Taiwan University, Taipei, Taiwan

    o Advanced JavaScript and Front-End Engineering, Feb 2019

    o Full-Stack Practice for Node.js and Firebase, Feb 2019

    o Web Scraping with Python, Oct 2018

    o Python for Data Analysis, Oct 2018

Publication

Journal Article

- **Hsieh, P.-S.**, & Shih, Meilun. (2020). Students' early alert systems in Taiwanese universities: A study of current uses and restrictions. *Journal of Research in Education Sciences, 65*(4), 171–201.

    DOI：10.6209/JORIES.202012_65(4).0006 *TSSCI, Taiwan Social Sciences Citation Index

Conference Work

- Yang, Sohheon, Seo, Minhwi, & **Hsieh, P.-S.**, (2023). Improving the consistency of communication with students: needs analysis for the Office of Diversity, Equity, and Inclusion (DEI) [Conference presentation]. 2023 IST Conference, Bloomington, Indiana, United States.

- Shih, Meilun, & **Hsieh, P.-S.**, (2022). Working together effectively: online collaborative advising from faculty advisors' perspective [Poster presentation]. 2022 International Conference of the International Consortium for Educational Development (ICED), Aarhus, Denmark.

- **Hsieh, P.-S.** (2019). A survey of learning alert systems in the US and Taiwan [Poster presentation]. 2019 Taiwan Computer-Human Interaction Conference (TAICHI), Taipei, Taiwan.

Leadership

- 2023 Student Panel Representative of IST PhD and MS Program Review, Indiana University, Bloomington, IN
- 2022 – 2023 Secretary of International Speech Club, Indiana University, Bloomington, IN
- 2022 IU Ambassador of Omni Security Operations Center (OmniSOC), Indiana University, Bloomington, IN

Volunteer

- Cycling event consultant and route designer for Cycling Taiwan 2023: A bicycle tour of Taiwan, in Bloomington, Indiana University, Bloomington, Apr 2023 *Event report on IU Arts + Sciences News

- Technical support for IST 2023 Conference, Indiana University, Bloomington, Mar 2023

- Work guide design for IU Dining Union Street Market, Indiana University, Bloomington, Apr 2022

- Facilitator and technical support for IST 2022 Conference, Indiana University, Bloomington, Mar 2022