WEI YAN

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Summary

Instructional Designer and Educational Technologist holding a Ph.D. in Educational Technology and extensive experience in creating online learning experiences for higher education and professional development. Demonstrated capacity to work alongside faculty and subject matter experts in developing accessible, engaging, and research-driven e-learning content. Proficient in utilizing LMS platforms, multimedia tools, and instructional design frameworks to support adult learners and underserved student populations in fully online settings.

Skills

- **Instructional Design**
  ADDIE, Backward Design, Universal Design for Learning (UDL)
- **Learning Technologies**
  Canvas, Articulate 360 (Storyline, Rise), Adobe Creative Cloud (Photoshop, Animate)
- **Web & Multimedia**
  HTML, JavaScript, PHP, MySQL, Zoom, Camtasia, Prezi, h5p, Canva

- **Assessment & QA**
  Formative evaluation, Quality Matters-aligned course design
- **Accessibility & Inclusion**
  Section 508 Compliance, culturally responsive pedagogy
- **Project Management**
  Cross-functional collaboration, faculty training, iterative development

Experience

Northern Arizona University
Postdoctoral Researcher
10/23 - Current

- Designed and developed online BS and MS-level metrology courses using Canvas, Articulate Storyline, Adobe CC, EZgenerator, h5p.
- Created culturally responsive PD materials for in-service CS teachers, integrating Navajo cultural elements
- Facilitated online training sessions and provided ongoing support to faculty via Zoom and LMS
- Conducted course evaluations and implemented improvements using data-driven methods

University of Florida **Research Assistant** 09/2018 – 10/2023	• Designed professional development programs focused on integrating computational thinking into K–12 Education • Collaborated with SMEs to develop a digital curriculum and improve student learning outcomes • Used C-COI (Collaborative Computing Observation Instrument) to evaluate instructional effectiveness • Participated in curriculum design for fully online courses using instructional design best practices • Evaluated course performance to determine areas in need of improvement. • Improved student learning by defining and articulating learning outcomes, analyzing performance metrics and measuring.
UF Online Learning Center **Internship Student** 10/2018 - 12/2018	• Developed and enhanced online course materials using multimedia tools and LMS integration • Supported instructional designers in evaluating course content and aligning it with learning outcomes
Graham Civic Scholar, BOB Gainesville, FL **Research Scholar** 02/2017 - 05/2017	• Explored early childhood education services for families in an assigned Florida county by researching the issues, interviewing stakeholders, and writing reports • Conducted community needs assessments related to early childhood education through stakeholder interviews and data analysis.

Education and Training

University of Florida
Ph.D. in Educational Technology *08/2023*
GPA: 4.0,
Main related coursework: Designing Integrated Media Environments I & II (focus on web design); Advanced Instructional Design; K-12 CS Education Pedagogy; Managing Educational Projects; Human-Computer Interaction

University of Florida
Master of Arts in Curriculum and Instruction *08/2017*
GPA: 3.83,
Main related coursework: Teaching Multiliteracies; Cross-cultural Communication for education.

Additional Qualifications

• Experienced in leading workshops and webinars for faculty development
• Skilled in addressing helpdesk tickets, providing email and synchronous support
• Knowledgeable in integrating culturally responsive pedagogy into course design