

**Dr. Jose Miguel Rosa, EdD**

+1 (407) 463 0868

rosapercussionstudio@gmail.com

drjoserosa.com

### **Professional Summary**

Learning scientist and senior instructional designer with more than thirty years of experience designing research grounded, learner centered, and technology enhanced education programs. Expert in artificial intelligence for learning, Universal Design for Learning, Self Determination Theory, and cognitive design. Holds a Doctor of Education in Applied Learning Sciences and brings extensive practice in AI integration, digital transformation, instructional redesign, and faculty development. Proven ability to increase learning performance, strengthen instructional quality, and build scalable learning systems for higher education and workforce training.

### **Core Competencies**

- Artificial Intelligence in Education
- Instructional Design and Learning Architecture
- Learning and Development Strategy
- Cognitive and Motivation Based Learning Design
- Universal Design for Learning
- AI Ethics and Responsible Use
- Learning Analytics
- Curriculum and Program Evaluation
- Faculty Development and Coaching
- Research Design
- Project and Team Leadership
- Bilingual Communication (English and Spanish)

### **Professional Experience**

#### **InDesignEd Educational Solutions**

Senior Learning Scientist, Instructional Designer, and AI Integration Specialist

New York, NY

February 2014 to December 31, 2025

##### **A. Learning Scientist and Instructional Designer (2014 to 2021)**

Designed instructional systems for higher education, professional training, and global programs. Developed multimedia learning units, experiential activities, and scenario based assessments. Created competency aligned curriculum maps rooted in cognitive scaffolding and motivational design. Supported academic departments in curriculum modernization and digital transformation.

##### **B. AI Integration Specialist and Faculty Development Leader (2022 to 2025)**

Integrated artificial intelligence into course design, assessment mechanisms, and learning analytics workflows. Developed AI supported instructional modules and adaptive pathways to strengthen feedback and learner engagement. Delivered workshops on AI ethics, integrity, responsible innovation, and data privacy. Provided individualized coaching for faculty transitioning into AI enhanced teaching environments.

### **C. Senior Learning Scientist (2022 to 2025)**

Led institutional initiatives incorporating learning science principles with AI-supported instructional design. Designed personalized and adaptive learning models increasing learner autonomy and performance. Conducted research on the impact of AI on deep learning, critical thinking, and reflective practice. Advised leadership teams on AI governance, instructional strategy, and alignment with organizational goals.

## **Education**

- Doctor of Education, Applied Learning Sciences  
University of Miami, Coral Gables, FL, 2025  
Award of Academic Merit
- Master of Education, Global Education  
Arizona State University, Tempe, AZ, 2025
- Master of Music, Music Technology  
Southern Utah University, Cedar City, UT, 2022
- Bachelor of Arts, Music  
University of Central Florida, Orlando, FL, 2021

## **Selected Publications**

- Artificial Intelligence and the Future of Personalized Learning: The Case of Arizona State University
- From Labels to Learning: Music Education as a Developmental Solution to ADHD Overdiagnosis in Early Childhood
- Closing the Gap: Why Expanding High Quality Preschool Is Key to Reducing Inequality in America
- Erasing History, Shaping Minds: The Political Struggle Over Education in Trump's America and Nazi Germany
- The Critical Importance of Diversity, Equity, and Inclusion and the Detrimental Impact of Anti-DEI Policies
- Coaching with Purpose: Integrating Self-Determination Theory into Sports Coaching Styles
- Weaponizing Neutrality: Federal Policy and the Strategic Dismantling of DEIA in the United States
- One Big Beautiful Bill, One Big Betrayal: Unmasking the War on Public Higher Education

- The Cuban Literacy Campaign of 1961: Humanitarian Effort or Political Strategy
- Make Education Great Again? The Plan to Eliminate the US Department of Education
- Jim Crow 2.0? Florida's Curriculum Changes and the Fight Over Black History

### **Selected Projects and Achievements**

- Developed AI-supported training modules, improving instructional efficiency and learner feedback quality.
- Designed faculty development systems to increase teaching performance and engagement.
- Created SDT-based coaching frameworks, strengthening autonomy and self-regulation.
- Built adaptive learning models informed by learning analytics.
- Conducted research connecting AI, deep learning, equity, and higher education policy.
- Evaluated global education programs for alignment with inclusive learning practices.

### **Certifications**

- Generative AI in Learning and Development
- Ethics in the Age of Generative AI
- Microsoft 365 Copilot
- Quantitative Research
- UN PSEA Training
- Social Prescribing
- Articulate Rise
- Spatial Audio Production

### **Technical Skills**

- AI-enhanced learning tools
- Learning analytics
- Learning management systems
- Microsoft 365 Copilot
- Articulate Rise
- Digital content creation
- Instructional research methods
- AI ethics and policy frameworks

### **Languages**

- English
- Spanish