

Computer Scientist / AI Music Technology Specialist

☎ (619) 333-8221

📍 San Diego, CA

Computer Scientist with expertise in AI development, music technology, and algorithm implementation. Experienced in programming, software development, and applying AI solutions to enhance music-related applications. Strong analytical and problem-solving skills, capable of working independently and collaborating effectively in dynamic environments.

Software Developer & AI Specialist

by The Lindemans

📍 Glendale, AZ

Developed AI-driven music technology solutions

- Designed and implemented algorithms for music analysis and sound processing, improving system accuracy by 20
- Developed AI models using Python and TensorFlow, focusing on music classification, genre detection, and sound synthesis
- Applied machine learning techniques to enhance music recommendation systems, optimizing user experience

Contributed to software development and research

- Collaborated on research projects to integrate AI with music technology, delivering innovative solutions for music analysis
- Wrote clean, efficient code in Python, JavaScript, and C++, supporting both frontend and backend functionalities
- Published documentation and presented research findings to teams, ensuring clear understanding and effective implementation

Information Technology Support Specialist

Tolleson Union High School District

📍 Avondale, AZ

Enhanced software systems and AI models

- Developed scripts and algorithms to automate data processing tasks, improving efficiency and system performance
- Assisted in implementing AI models for predictive analysis, supporting data-driven decision-making in technology projects
- Worked collaboratively with teams to integrate AI solutions into existing software systems, enhancing functionality and user interaction

Supported AI-driven projects and development

- Conducted research on AI applications in music education, contributing to projects aimed at improving student learning experiences
- Provided technical support for AI-powered software, resolving issues and optimizing performance to maintain system reliability

Mission Technology Specialist

The Church of Jesus Christ of Latter-Day Saints

 Syracuse, NY

Applied AI techniques to enhance digital experiences

- Developed and implemented AI tools to analyze user interaction data, improving content personalization and engagement
- Researched and integrated AI solutions for digital media applications, supporting innovative approaches to content delivery

Supported system optimization and user experience

- Worked with teams to identify areas for AI integration, improving user interaction and system efficiency
- Collaborated on projects to enhance user experiences through AI-driven music content recommendations and audio processing

Bachelor of Science in Technological Entrepreneurship and Management

Arizona State University

📍 Online

- Focus on AI Development, Music Technology, and Algorithm Design; currently maintaining a 4.0 GPA

Associate of Science in Computer Science

Rio Salado College

📍 Tempe, AZ

- Graduated Summa Cum Laude with 3.9 GPA; coursework included AI, Algorithm Design, and Music Technology Applications

Python

TensorFlow

C++

Algorithm Development

Music Technology

AI Integration

Machine Learning

Software Development

Problem Solving

Data Analysis

Collaborative Research

Frontend/Backend Development