



ENOCH LINDEMAN

Computer Scientist / AI Music Technology Specialist

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in www.linkedin.com/in/enoch-lindeman 📍 San Diego, CA

SUMMARY

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.

EXPERIENCE

Software Developer & AI Specialist

by The Lindemans
📍 Glendale, AZ

📅 Dec 2022 – Ongoing

- 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

📅 Jun 2022 – Ongoing

- 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

📅 May 2020 – May 2022

- 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

EDUCATION

Bachelor of Science in Technological Entrepreneurship and Management

Arizona State University
📍 Online

📅 Expected May 2026

- 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

📅 August 2024

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

SKILLS

- Python
- TensorFlow
- C++
- Algorithm Development
- Music Technology
- AI Integration
- Machine Learning
- Software Development
- Problem Solving
- Data Analysis
- Collaborative Research
- Frontend/Backend Development