ENOCH LINDEMAN

Computer Scientist / AI Music Technology Specialist

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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

♀ Glendale, AZ

by The Lindemans

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

🛗 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

The Church of Jesus Christ of Latter-Day Saints

Syracuse, NY

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

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

August 2024

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

♀ Tempe, AZ

SKILLS

Python TensorFlow C++ Algorithm Development Music Technology AI Integration Machine Learning Software Development

Problem Solving Data Analysis Collaborative Research Frontend/Backend Development