MA

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📍 San Francisco, CA

🌐 www.michaelanderson.com

SKILLS

- Speech Coding
- Signal Processing
- Network Optimization
- VoIP
- Algorithm Development
- Telecommunications

EDUCATION

M.SC. IN TELECOMMUNICATIONS, UNIVERSITY OF CALIFORNIA, LOS ANGELES

LANGUAGE

- English
- Spanish
- German

ACHIEVEMENTS

- Improved codec performance leading to a 30% increase in user satisfaction ratings.
- Led a project that was recognized as a significant technological advancement in telecommunications.
- Published research findings that contributed to the development of next-generation voice communication standards.

Michael Anderson

SENIOR SPEECH CODEC ENGINEER

As an accomplished Speech Processing Scientist with over eight years of experience in the telecommunications industry, my career has been centered around advancing voice communication technologies. I specialize in the development of robust speech codecs that ensure high-quality speech transmission over various networks. My technical expertise includes signal processing, codec design, and network optimization.

EXPERIENCE

SENIOR SPEECH CODEC ENGINEER

Telecom Innovations Group

2016 - Present

- Designed and optimized speech codecs that improved voice quality by 40% for VoIP applications.
- Conducted extensive testing and validation of codecs to ensure compliance with industry standards.
- Collaborated with network engineers to optimize codec performance across various transmission mediums.
- Led initiatives to reduce latency in communication systems, enhancing real-time voice transmission.
- Presented technical findings to stakeholders, advocating for the adoption of new technologies.
- Mentored junior engineers, providing guidance on codec design and signal processing techniques.

SPEECH PROCESSING RESEARCH ENGINEER

VoxTel Solutions

2014 - 2016

- Conducted research on advanced speech recognition algorithms, leading to a 25% improvement in recognition accuracy.
- Developed prototypes for new speech technology applications, testing their viability in real-world scenarios.
- Worked closely with product management to align research initiatives with market needs.
- Participated in industry conferences to share insights and network with other professionals.
- Published articles in journals discussing trends and advancements in speech processing technologies.
- Collaborated with software developers to integrate research findings into commercial products.