



MICHAEL ANDERSON

SPEECH TECHNOLOGY LEAD

PROFILE

I am a passionate Speech Processing Scientist with a focus on enhancing human-computer interaction through advanced speech recognition technologies. With a robust background in linguistics and computer science, I have spent over eight years developing algorithms that ensure accurate speech recognition across various dialects and accents. My career has been characterized by a commitment to inclusivity, striving to make speech technology accessible to users from diverse backgrounds.

EXPERIENCE

SPEECH TECHNOLOGY LEAD

EduSpeak Technologies

2016 - Present

- Developed a speech recognition application tailored for language learning, increasing student engagement by 25%.
- Led a project team in designing a multicultural speech database, enhancing recognition accuracy across different accents.
- Collaborated with educational professionals to integrate speech technology into existing curricula, resulting in a 15% improvement in language retention.
- Conducted user testing sessions to gather feedback and refine the application features based on real-world usage.
- Presented findings at educational technology conferences, advocating for the use of speech tech in classrooms.
- Mentored interns and junior team members, fostering a supportive learning environment.

SPEECH PROCESSING ANALYST

VoiceAI Solutions

2014 - 2016

- Analyzed user interactions with voice-activated systems, improving accuracy of speech recognition by 30%.
- Conducted research on user behavior, leading to enhancements in system responsiveness and usability.
- Collaborated with software developers to implement speech feature updates based on user feedback.
- Designed and executed experiments to evaluate the effectiveness of different speech recognition algorithms.
- Participated in the development of a multilingual speech processing tool, broadening market reach.
- Published insights in industry journals, contributing to the body of knowledge in speech technology.

CONTACT

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SKILLS

- Speech Recognition
- Linguistics
- User Experience
- Python
- Data Analysis
- Multilingual Processing

LANGUAGES

- English
- Spanish
- French

EDUCATION

M.SC. IN LINGUISTICS, UNIVERSITY OF CALIFORNIA, BERKELEY

ACHIEVEMENTS

- Developed a speech assessment tool that was adopted by over 100 educational institutions.
- Received an innovation award for contributions to inclusive speech technology.
- Published three articles on speech recognition applications in education.