MA

Michael
ANDERSON

SPEECH INTERFACE DESIGNER

I am a dynamic Speech Processing Scientist with a unique blend of expertise in artificial intelligence and human-computer interaction. Over the past five years, I have focused my efforts on developing intelligent speech interfaces that enhance the user experience across various platforms. My approach combines technical skills in speech recognition with a deep understanding of user behavior and preferences.

WORK EXPERIENCE

SPEECH INTERFACE DESIGNER
Interactive Tech Solutions
2020 - 2025

- Designed user-centric speech interfaces for mobile applications, leading to a 50% increase in user retention.
- Utilized machine learning algorithms to enhance speech recognition accuracy based on user interactions.
- Conducted user research to identify pain points and optimize the speech interaction workflow.
- Collaborated with software engineers to integrate speech features into applications seamlessly.
- Presented design concepts to stakeholders, advocating for user-focused technology development.
- Participated in workshops and training sessions to keep the team updated on the latest trends in speech technology.

JUNIOR SPEECH PROCESSING ENGINEER
SmartVoice Inc.
2015 - 2020

- Assisted in the development of speech recognition systems for customer service applications, improving automated response accuracy by 20%.
- Conducted testing and validation of speech algorithms to ensure performance standards were met.
- Helped create documentation for system usage and troubleshooting guides.
- Collaborated with cross-functional teams to gather requirements for new speech features.
- Analyzed user feedback to recommend enhancements for better functionality.
- Participated in team meetings to discuss ongoing projects and share insights.

CONTACT

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- San Francisco, CA

SKILLS

- Speech Recognition
- User Experience
- Machine Learning
- Python
- User Research
- Application Development

LANGUAGES

- English
- Spanish
- French

EDUCATION

M.SC. IN ARTIFICIAL INTELLIGENCE, UNIVERSITY OF WASHINGTON

ACHIEVEMENTS

- Led a project that won the Best Innovation Award for a speech interface design.
- Contributed to a significant increase in customer satisfaction ratings for voice-enabled services.
- Published a research paper on user interaction with speech technology in a reputable journal.