SpeakEasy
Improve your public speaking

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Targeted feedback and improvement tracking for speech quality, confidence and eye contact.

Using techniques from cognitive behavioral therapy in a free, efficient, and accessible way.

INTRODUCTION

Glossophobia, **the fear of public speaking, affects 7% of people in the U.S.,** and people with this disorder on average **earn 10% less,** have a **10% lower chance of graduating from college, and are 15% less likely to end up in managerial positions.**

This phobia has been elevated by the pandemic without social cues, body language, and verbal response in the virtual calls.

PRIOR WORK

Orai
+ Analyzes expressions and pacing
- Requires subscription
- No eye tracking
- Mobile only

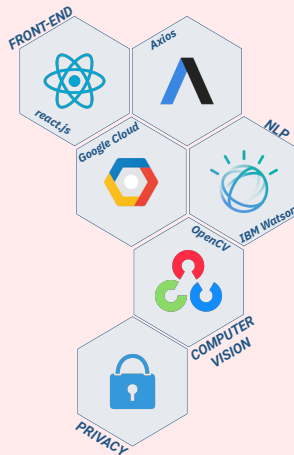**LikeSo** Your personal speech coach®
+ Detects filler words and pacing
- Audio only
- No eye tracking

VOICE ANALYST
+ Visualizes pitch and tone
- Audio only
- Only real-time

METHODOLOGY

FRONT-END
react.js
Axios
Google Cloud
NLP
IBM Watson
OpenCv
COMPUTER VISION
PRIVACY

EVALUATION

Speaker Analysis

1. I felt **more successful** presenting my speech after using the application.
2. The **feedback** given by the application **was useful.**
3. The application was easy to use.

Evaluator Analysis

1. The participant **appeared confident** while speaking
2. The participant spoke in an **energetic** way
3. The participant made **good eye contact**

Evaluation
- OUTSTANDING
- Excellent
- Very Good
- Average
- Below Average

| Strongly Agree | Agree | Neutral | Disagree | Strongly Disagree |

USER INTERFACE

present

record

items to improve

pace

stopping words

eye contact

confidence

pauses