



All Can Sing

MetaMason

1st The Sound of AI Hackathon



Problem

- You want to sing, but don't know how to sing well?
- You want to sing, but can't speak the language?



Target User



Content creators

Social media users



**Music enthusiast without
singing skills**





Solution

“Sing” any song without speaking the language and singing ability



Product demo



Demo video

[Our live demo](#)



Impact

**Worldwide content
creators**

**Worldwide social
media users**



**Worldwide music enthusiast
without singing skills**



Future improvements

Technology

- Deep study of separating vocals and music from a song.
- Further research to improve the cross-lingual voice conversion quality, reduce the artifacts of the output audio.

Market

- Develop applications for users to create songs of their own voices, especially content creators and social media users.



Our team



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Vision

Help everyone “sing” their favorite songs,
regardless of their native language and
their singing ability

-MetaMason



Thanks!

Do you have any questions?



CREDITS: This presentation template was created by Slidesgo, including icons by Flaticon and infographics & images by Freepik



References

- Voice conversion:
<https://github.com/liusongxiang/ppg-vc>
- Voice separation:
<https://github.com/tsurumeso/vocal-remover/>



Sample Demo

Order: Source - Target - Clone

Safe and Sound - Taylor Swift

English Female

▶ 0:00 / 0:06 - 🔊 ⋮

▶ 0:00 / 0:04 - 🔊 ⋮

▶ 0:00 / 0:06 - 🔊 ⋮

English Male

▶ 0:00 / 0:06 - 🔊 ⋮

▶ 0:00 / 0:04 - 🔊 ⋮

▶ 0:00 / 0:06 - 🔊 ⋮

Chinese

▶ 0:00 / 0:06 - 🔊 ⋮

▶ 0:00 / 0:04 - 🔊 ⋮

▶ 0:00 / 0:06 - 🔊 ⋮

Spanish

▶ 0:00 / 0:06 - 🔊 ⋮

▶ 0:00 / 0:03 - 🔊 ⋮

▶ 0:00 / 0:06 - 🔊 ⋮

Realtime Demo

Source Music

Music audio with singer voice 16000Hz - 5s long



Drag and drop file here

Limit 200MB per file

Browse files

Target Speaker

Voice you want to sing the song



Drag and drop file here

Limit 200MB per file

Browse files

Generate My Sing Voice