Vocal clones
Recently announced

Microsoft VALL-E software:

- can mimic a particular voice from 3-second sample
- not yet released
Eleven Labs

- Voice generator released in January
  - Speech synthesis
  - Text-to-speech
- Started by ex-Google and ex-Palantir engineers
- Used to replicate voices of pop stars
- Fake examples posted on 4chan
- Charges per 1000 characters
Lots of hybrid experimentation

- Voices cloned, music not cloned
- Mashups
- Duets by real and virtual singers
- Lyrics generated by AI software
- Myriad IP (Intellectual property) issues; voices are not copyrighted
More cloning styles

Human song, GPT lyrics
Software to isolate voice from other tracks
RIAA is protesting on several grounds
Holly Herndon: Holly+

CCRMA c2012

Lives in Berlin

Holly+ reinterprets songs in her voice

Users can download audio and hear download in Herndon’s voice

She warns against signing away “voice rights”

“Jolene”: https://youtu.be/kPAEMUzDxuo
Julie Herndon
Recent CCRMA Ph.D.
Teaching in Cal Poly, Sn Luis Obispo
Vocify

Create AI covers with your favorite voices

https://www.voicify.ai

$24.99/month, more for “creators”
Boomy

AI-audio software allowing user set up some parameters (style, tempo, et al.)

- Has generated 15 million songs
- 14% of Spotify’s holdings recently purged of Boomy creations