# Voice Transmogrifier: Spoofing My Girlfriend's Voice

Ajay Shanker Tripathi | www.ajay.sexy | Stanford University | 12/12/2017

### Goal

Input is my (Ajay's) voice, output is girlfriend's (Anh's) voice.

### Big Challenges

- For training data, need to align my voice input with her voice output.
- Girlfriend has a thick Vietnamese accent.
  - Non-standard pronunciation, emphasis, accent, etc.

## Aligning Voices

- Done by using DTW (Dynamic Time Warping).
- Audio broken into 20ms chunks, and editdistance-like Dynamic Program is done. [2]
- Smooth monotonic interpolation done to prevent nasty jumps in speed





