



mochen lerning



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goal

Simulate “meme man wurdz” automatically



Source: Know Your Meme

key insight

ARPAbet pronunciation table already produces similar results

Phoneme	Computer Representation		Example
	1-Character	2-Characters	
i	i	IY	beat
I	I	IH	bit
e	e	EY	bait
€	E	EH	bet

Source: Klautau, Aldebaro (2001). "ARPABET and the TIMIT alphabet"

our design

1. Get ARPAbet [1] pronunciations from CMUDict [2]
2. Add some rules to get to meme man wurdz
3. Automatically download stock images from Internet
4. Use OpenCV to discover face and superimpose meme man head
5. Slap on wurdz
6. ???
7. PROFIT!!!

[1] J. E. Shoup, "Phonological Aspects of Speech Recognition," in Trends in Speech Recognition
 [2] Carnegie Mellon University, "The CMU pronunciation dictionary"

evaluation



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acknowledgments

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