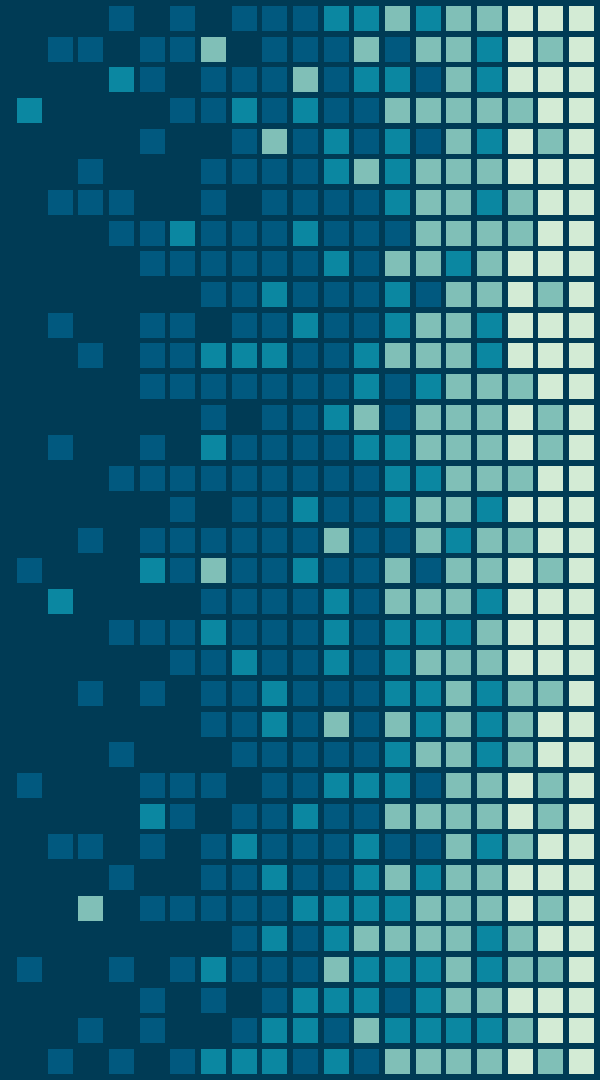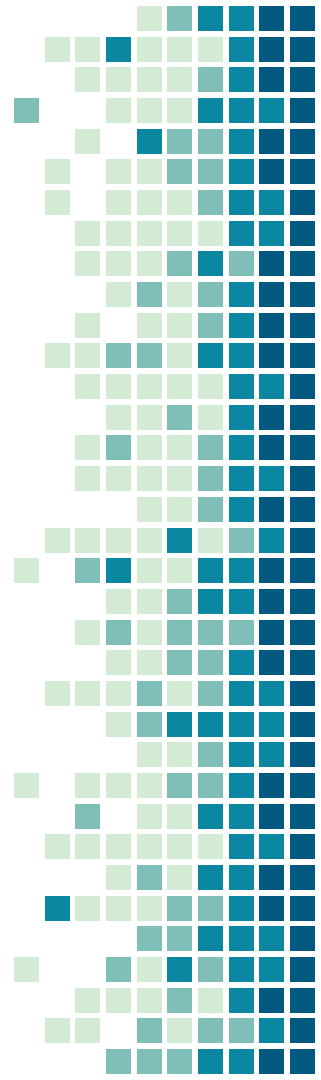# Productivity
Voice Assistants
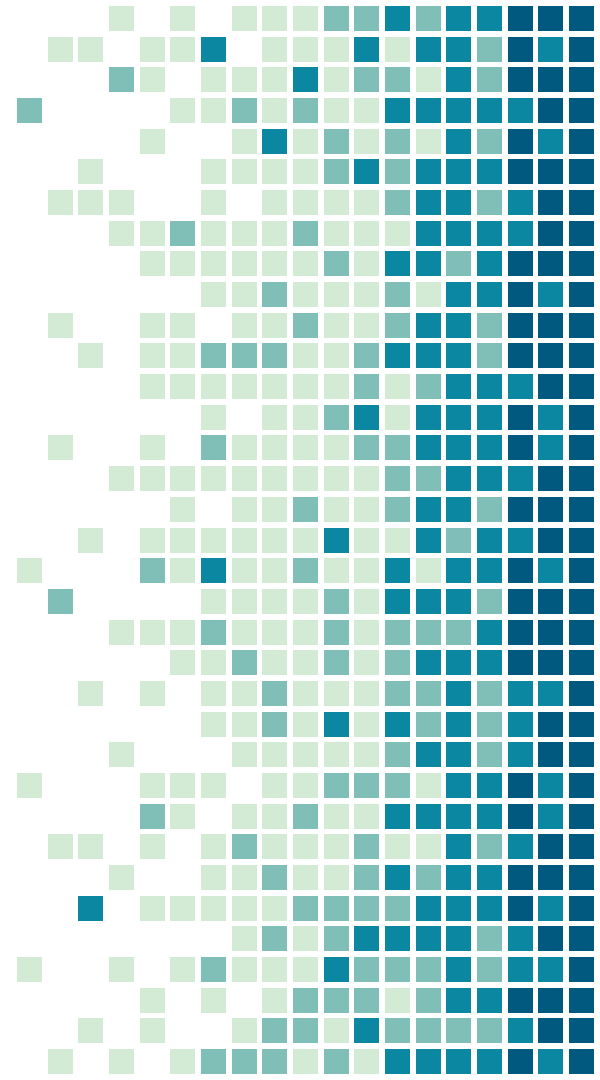
HELLO!

I am Stephen Tse

Founded Spotsetter (acquired by Apple), Compiler PhD.

Google Maps, Apple search ML, TGI-ML for 2,500+ Xoogler.co founders

Singularity of Voice AI?

Voice bots as companion

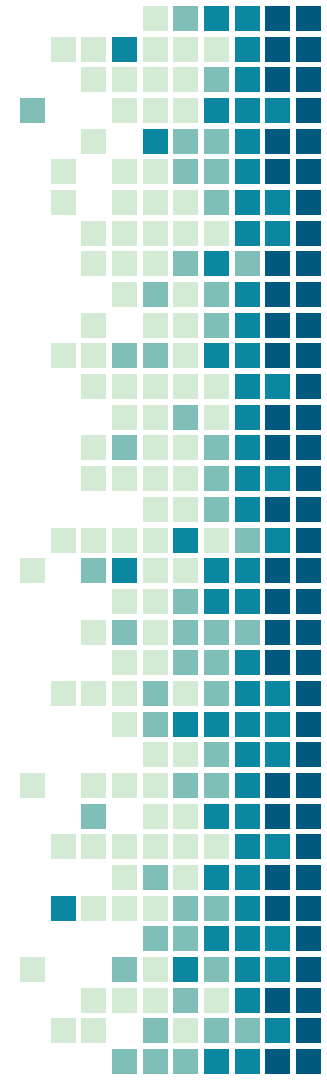# 95.1%

Speech recognition accuracy

30-min
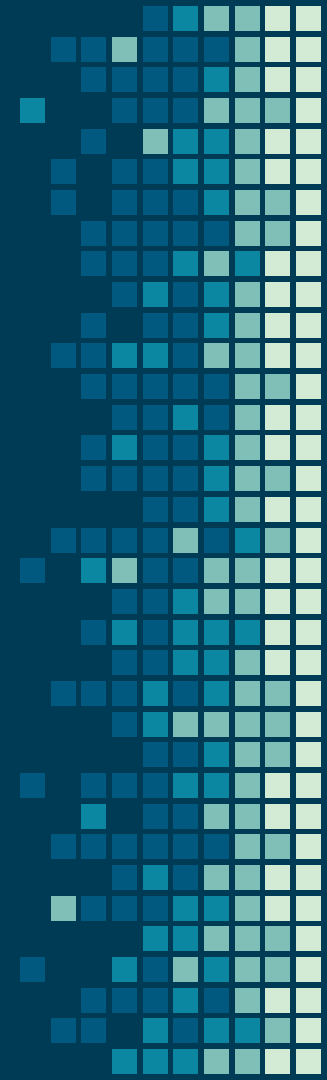
Sample to imitate anyone's voice

80.4%
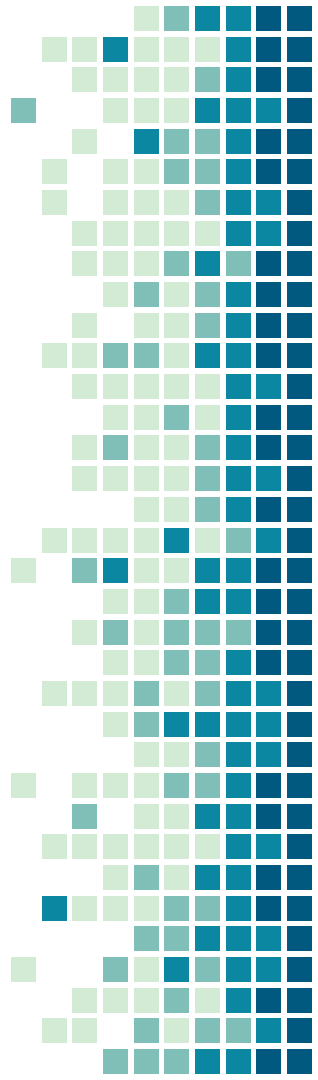
Reading comprehension Q&A test

Opportunity gaps

70% accuracy w/ noise, 6-second dialog context, $300/hr human transcription

$96B

ARR for Microsoft Office.
What can be a $10B Voice AI company?

" *Vertical AI Startups: Solving Industry-specific Problems*

by Combining AI and Subject Matter Expertise.

On startups vs incumbents

The inspirations

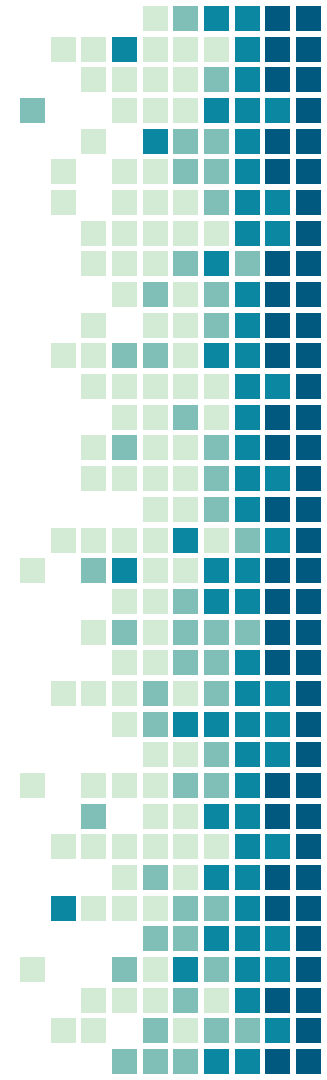Companion ➡ Productivity ➡ Transcription

Ambient symbiosis
(Her, 2013)

Beyond voice commands
(Scottish Elevator)

Founder records his life
(Story of Alibaba, 2012)

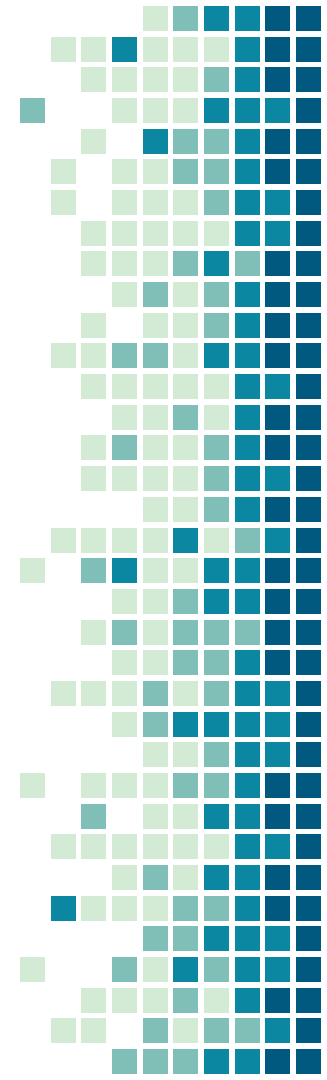# Sales assistants: the 90% dark CRM

Transcription

- ties offline talks for re-engagement
- knows your industry jargons & terms

Analytics

- tracks tone, cadence as ROI metrics
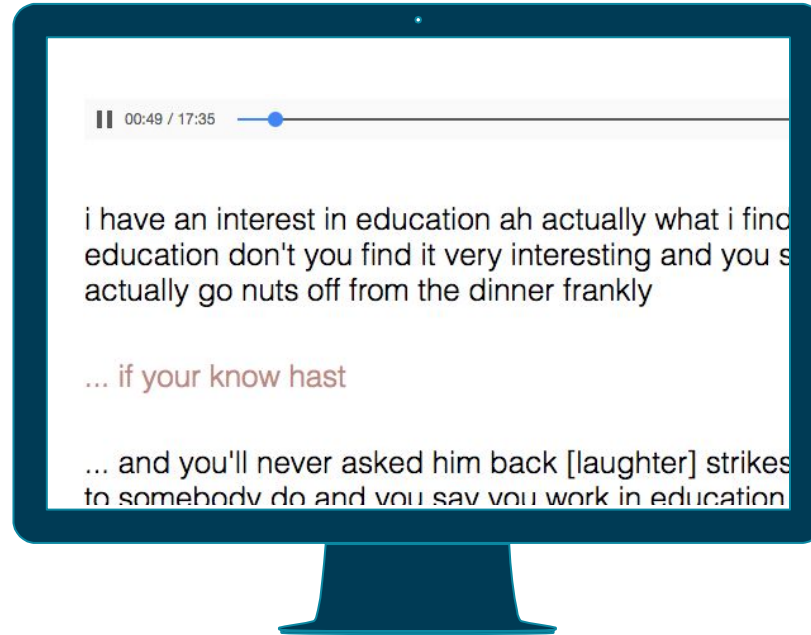- understands dialog flow of winning pitch

Training

- improves sales & customer success
- frees 70% manager's time on review

Our meeting transcription tool

- $1/hr, full privacy
- almost real-time
- abstractive summary

00:49 / 17:35

i have an interest in education ah actually what i find
education don't you find it very interesting and you s
actually go nuts off from the dinner frankly

... if your know hast

... and you'll never asked him back [laughter] strikes
to somebody do and you say you work in education

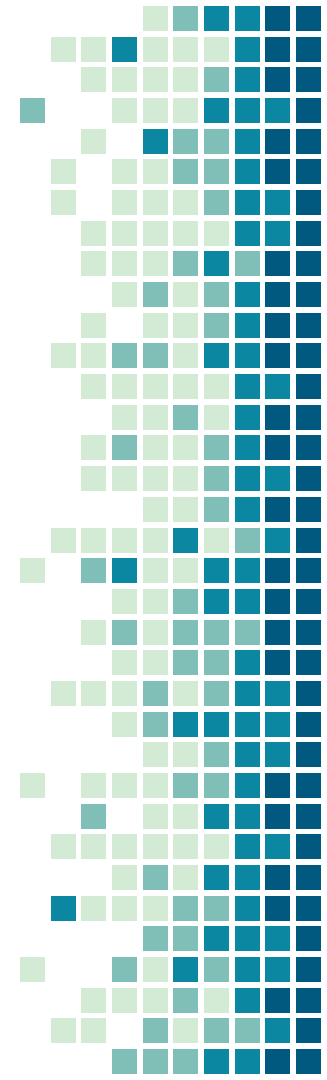# Productivity assistants: hour+ daily use

Email & Messaging

- as a dictation editor with voice commands
- hands-free for navigation, styling, custom words

Calendar Update

- aware of my social graph & locations
- uses contextual info to streamline my daily routine

News Briefing

- reads articles in human-quality voice
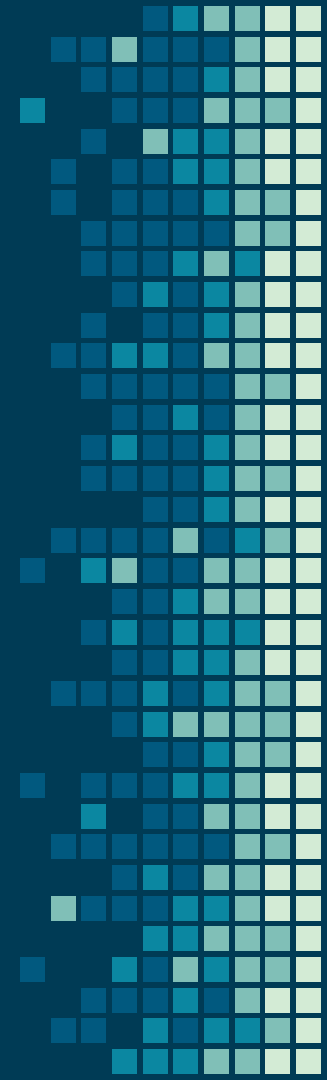- answers questions based on my past understanding

We make Voice AI toward Her!

Transcription ➡ Productivity ➡ Companion

Stephen Tse

s@simple-rules.com

Demo of our meeting transcription tool (Hungry & Foolish)

Beyond voice commands (Scottish Elevator UX)

Founder records his life (Story of Alibaba, 2012 film)

Ambient symbiosis (Her, 2013 film)

Voice imitation ("477 speakers with 30 minutes of audio each")

Comprehension ("a test F1 score of 80.4%" vs human 91.2%)

Abstractive summarization ("your tl;dr by an ai")