



Tobi Olatunji MD

My Journey



MSc Computer Science (c),
Georgia Institute of Technology



Healthcare Management,
Yale School of Management



MSc Medical Informatics,
University of San Francisco



MB;BS, College of Medicine,
University of Ibadan

Founder, Intron Health



Machine Learning Research
Scientist, Health AI,
Amazon Web Services



Clinical NLP/ML Scientist,
Enlitic Inc, SF



Clinical Data Scientist,
Cambia Health Solutions
(BlueCross BlueShield of
Pacific Northwest)



Health Data Fellow,
Insight Data Science



clinical **speech-recognition**
for 200+ African accents
saving doctors
3+hrs a day



intronhealth



PROBLEM

50 patients per day
heavy burden

22 words per minute
keyboard speed

06 hrs per day
documenting

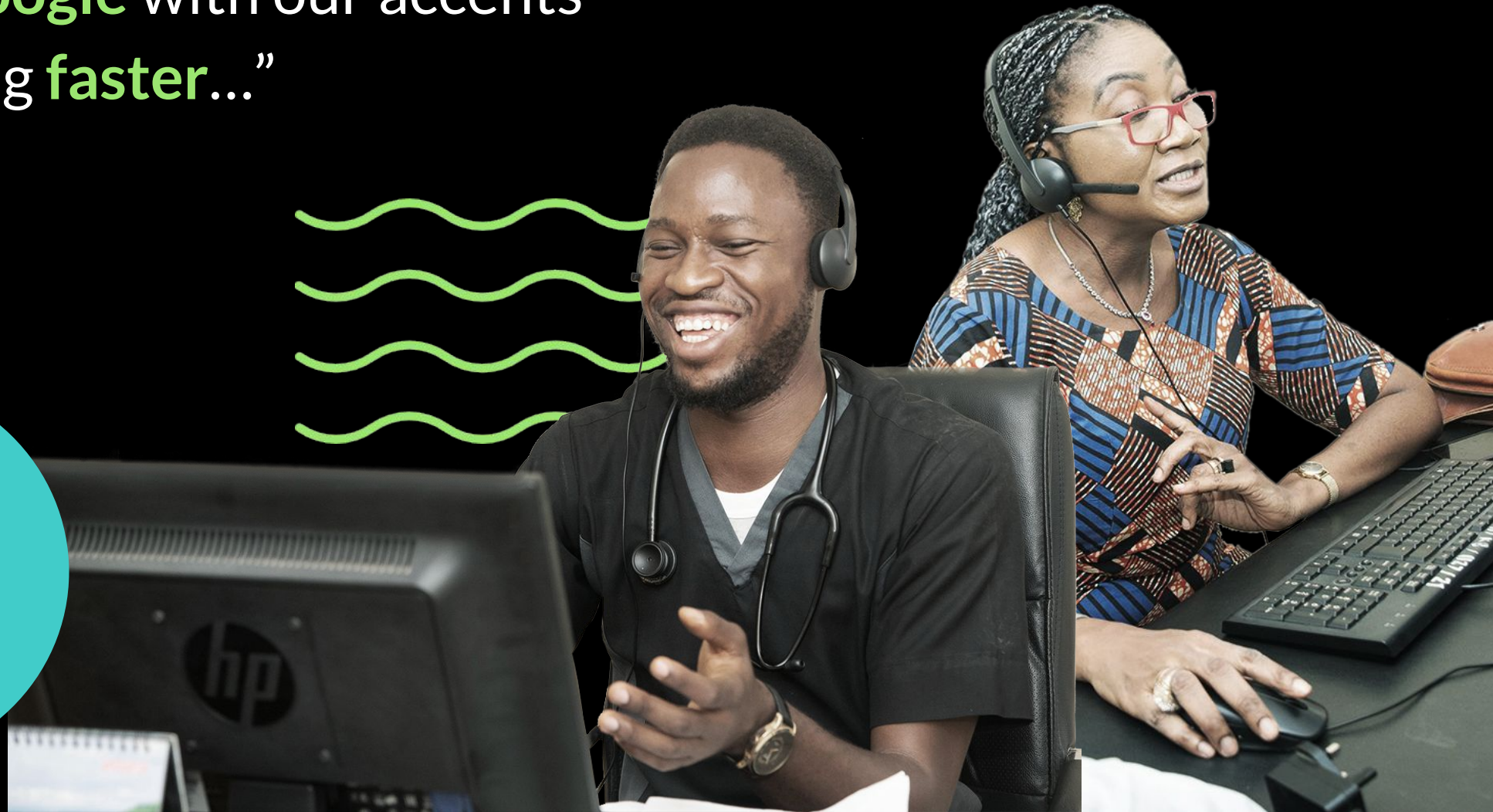
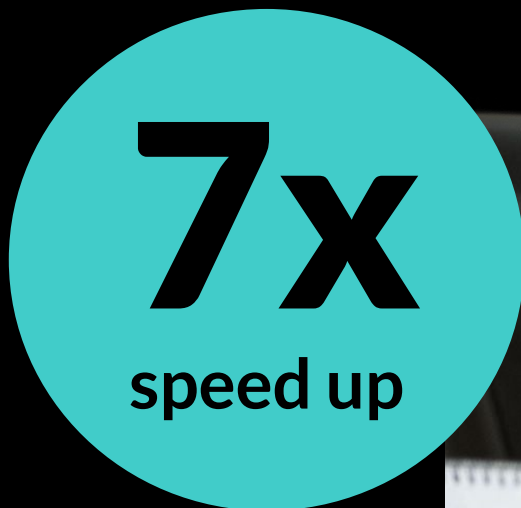


SOLUTION

“spells our **names** correctly...”

“...better than **google** with our accents”

“makes reporting **faster**...”



SOLUTION

Algorithm patents &
Africa's largest clinical speech dataset



1.1m

audio clips



17

countries



288

accents



8047

speakers



92%

accuracy



5.5x

avg speed up



NIG



KEY



GHA



ZAF



UGA



BWA



TZA



BEN



GMB



ZWE



NAM



ETH



the big question is “how?”



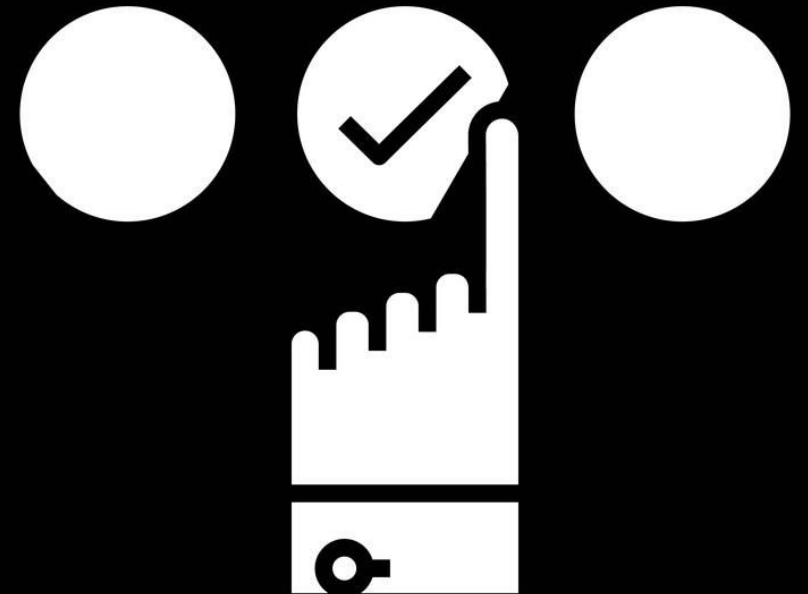
the **process**

1. Problem: decide pain point that matters
2. Policy: check regulatory landscape
3. Product: develop MVP and iterate
4. Proof: real-world testing/validation
5. Pricing: if for-profit
6. **Partner Prioritization**: choose wisely
7. Paperwork: written commitments
8. Deployment
9. Change Management & Utilization Support



partner **prioritization**

1. **Pain score**: where do we sell?
2. Graft/Host search: find your beachhead department
3. Clinical Champion: sing individual entry point
4. Political/Leadership support (**or not**)
5. Timing is key
6. Technology readiness/infrastructure
7. **Pay score**: willingness to pay



stakeholder review

1. You: strong conviction
2. Users: patients, providers - why do they care
3. Government: Policy, Climate
4. Team: local, technical and clinical expertise & problem solving ability/experience
5. Clinical Champion: who's rooting for you
6. Department leadership: smaller scale adoption first
7. Hospital/Organization leadership/Board



Thank You

Tobi Olatunji MD

 +1 415 619 9064

 tobi@intron.io

 <https://intron.io>

