

Tanmay Bakshi

TED Speaker, Author,
Neural Network Architect

Toronto, Canada

My Background

- Algorithm-ist & Neural Network Architect
- IBM Champion & Honorary Cloud Advisor
- Global Goodwill Ambassador @ LinkedIn
- Knowledge Ambassador –
Mohammed Bin Rashid Al Maktoum Knowledge Foundation
- Computational Thinking Coach @ 4th Industrial Revolution Org
- Leading Faculty & Honorary Advisor @ Grad Valley Data Science
- Host of IBM FB-Live Series [Watson Made Simple with Tanmay](#)

My Background

- **Algorithm-ist & Neural Network Architect**
- IBM Champion & Honorary Cloud Advisor
- Global Goodwill Ambassador @ LinkedIn
- Knowledge Ambassador –
Mohammed Bin Rashid Al Maktoum Knowledge Foundation
- Computational Thinking Coach @ 4th Industrial Revolution Org
- Leading Faculty & Honorary Advisor @ Grad Valley Data Science
- Host of IBM FB-Live Series [Watson Made Simple with Tanmay](#)

My Background

- Algorithm-ist & Neural Network Architect
- **IBM Champion & Honorary Cloud Advisor**
- Global Goodwill Ambassador @ LinkedIn
- Knowledge Ambassador –
Mohammed Bin Rashid Al Maktoum Knowledge Foundation
- Computational Thinking Coach @ 4th Industrial Revolution Org
- Leading Faculty & Honorary Advisor @ Grad Valley Data Science
- Host of IBM FB-Live Series [Watson Made Simple with Tanmay](#)

My Background

- Algorithm-ist & Neural Network Architect
- IBM Champion & Honorary Cloud Advisor
- **Global Goodwill Ambassador @ LinkedIn**
- Knowledge Ambassador –
Mohammed Bin Rashid Al Maktoum Knowledge Foundation
- Computational Thinking Coach @ 4th Industrial Revolution Org
- Leading Faculty & Honorary Advisor @ Grad Valley Data Science
- Host of IBM FB-Live Series [Watson Made Simple with Tanmay](#)

My Background

- Algorithm-ist & Neural Network Architect
- IBM Champion & Honorary Cloud Advisor
- Global Goodwill Ambassador @ LinkedIn
- **Knowledge Ambassador -
Mohammed Bin Rashid Al Maktoum Knowledge Foundation**
- Computational Thinking Coach @ 4th Industrial Revolution Org
- Leading Faculty & Honorary Advisor @ Grad Valley Data Science
- Host of IBM FB-Live Series [Watson Made Simple with Tanmay](#)

My Background

- Algorithm-ist & Neural Network Architect
- IBM Champion & Honorary Cloud Advisor
- Global Goodwill Ambassador @ LinkedIn
- Knowledge Ambassador –
Mohammed Bin Rashid Al Maktoum Knowledge Foundation
- **Computational Thinking Coach @ 4th Industrial
Revolution Org**
- Leading Faculty & Honorary Advisor @ Grad Valley Data Science
- Host of IBM FB-Live Series [Watson Made Simple with Tanmav](#)

My Background

- Algorithm-ist & Neural Network Architect
- IBM Champion & Honorary Cloud Advisor
- Global Goodwill Ambassador @ LinkedIn
- Knowledge Ambassador –
Mohammed Bin Rashid Al Maktoum Knowledge Foundation
- Computational Thinking Coach @ 4th Industrial Revolution Org
- **Leading Faculty & Honorary Advisor @ Grad Valley
Data Science**
- Host of IBM FB-Live Series [Watson Made Simple with Tanmay](#)

My Background

- Algorithm-ist & Neural Network Architect
- IBM Champion & Honorary Cloud Advisor
- Global Goodwill Ambassador @ LinkedIn
- Knowledge Ambassador –
Mohammed Bin Rashid Al Maktoum Knowledge Foundation
- Computational Thinking Coach @ 4th Industrial Revolution Org
- Leading Faculty & Honorary Advisor @ Grad Valley Data Science
- **Host of IBM FB-Live Series Watson Made Simple with Tanmay**

My Background

- Algorithm-ist & Neural Network Architect
- IBM Champion & Honorary Cloud Advisor
- Global Goodwill Ambassador @ LinkedIn
- Knowledge Ambassador –
Mohammed Bin Rashid Al Maktoum Knowledge Foundation
- Computational Thinking Coach @ 4th Industrial Revolution Org
- Leading Faculty & Honorary Advisor @ Grad Valley Data Science
- Host of IBM FB-Live Series [Watson Made Simple with Tanmay](#)

A young man with dark hair and glasses is speaking at a TED event. He is wearing a grey button-down shirt and a blue smartwatch. He is holding a small black object in his hands. The background is a vibrant purple and blue gradient.

Technology that tackles the teen depression epidemic.

TED

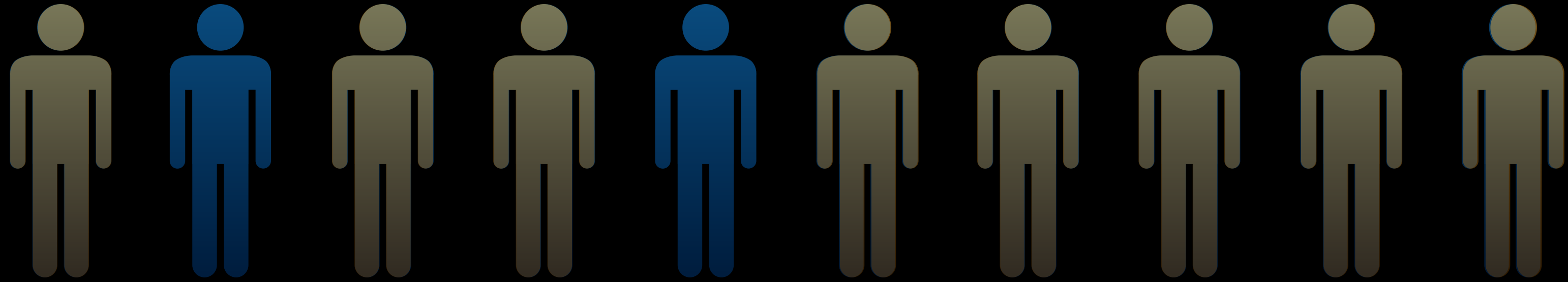
A woman with curly hair and glasses sits on a black leather couch, holding a young child. The child is wearing a head-mounted device with a small screen and a camera. The woman is looking at the child. In the foreground, there is a purple spray bottle, a green fuzzy ball, and a white object. The text "Technology that provides artificial communication." is overlaid on the image.

Technology that provides artificial communication.

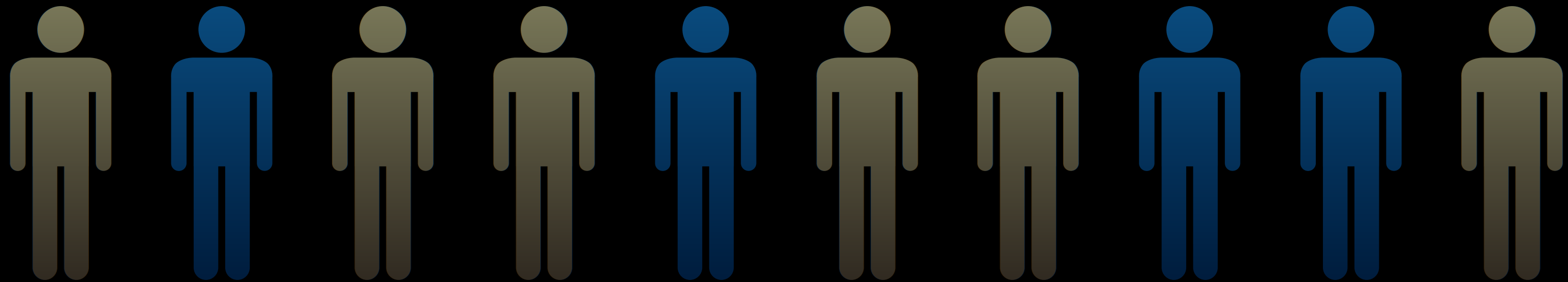
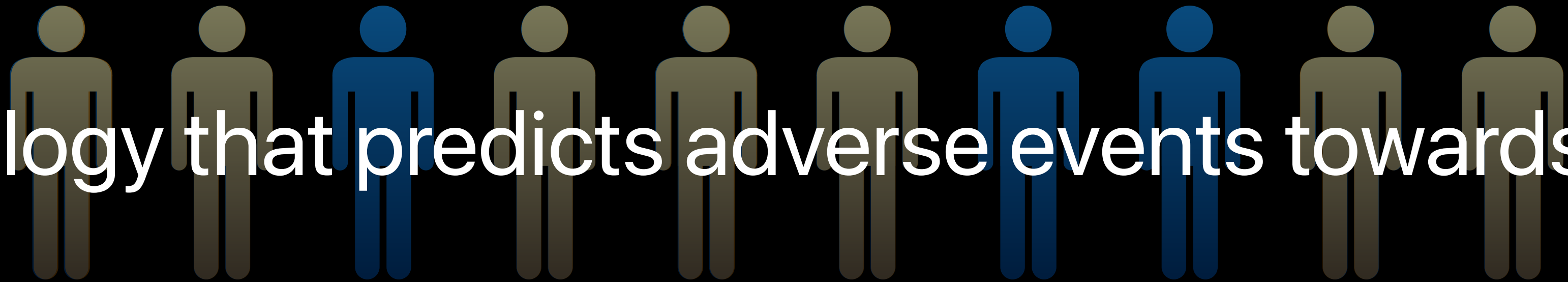
A stylized blue outline of a human ear, facing right, positioned on the left side of the image.

Technology that diagnoses hearing disorders.

A stylized blue outline of a globe with latitude and longitude lines, surrounded by several short, radiating lines, positioned on the right side of the image.



Technology that predicts adverse events towards drugs.

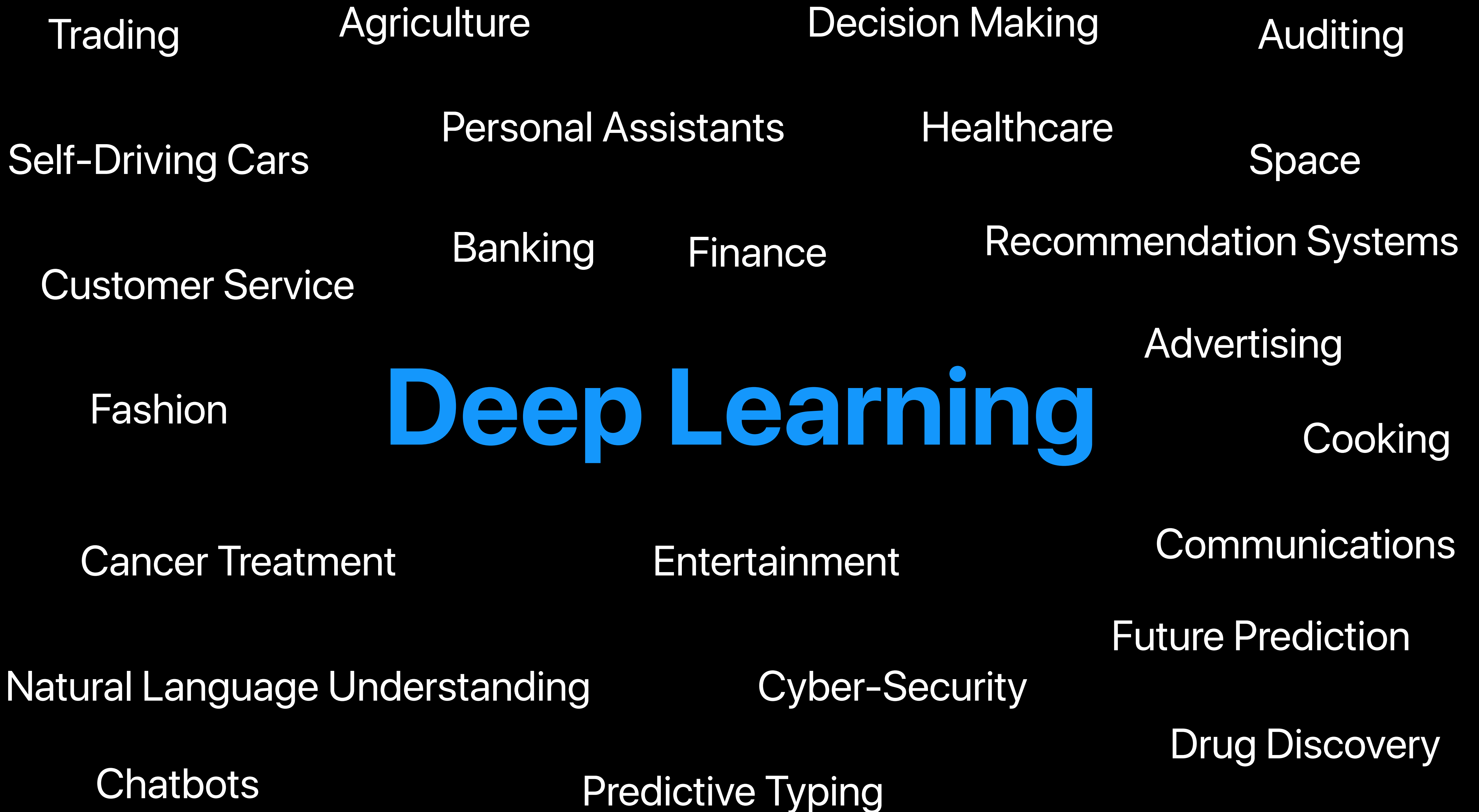


Thank You!

Team @ NIMBIX HPC Cloud Summit

Steve Hebert

Cristina White







AI in Advertising

Product Recommendation

You shall know a word by the
company it keeps.

– John Rupert Firth, 1951

word2vec

TARGET

i shall depart for the latter town in a fortnight or three weeks

CONTEXT

CONTEXT

TARGET

i shall depart for the latter town in a fortnight or three weeks

CONTEXT

CONTEXT

TARGET

i shall depart for the latter town in a fortnight or three weeks

CONTEXT CONTEXT

TARGET

i shall depart for the latter town in a fortnight or three weeks

CONTEXT

CONTEXT

TARGET

i shall depart for the latter town in a fortnight or three weeks

CONTEXT

CONTEXT

i shall depart for the latter town ^{TARGET} in a fortnight or three weeks
CONTEXT CONTEXT

TARGET

i shall depart for the latter town in a fortnight or three weeks

CONTEXT

CONTEXT

i shall depart for the latter town in a fortnight or three weeks

TARGET

CONTEXT

CONTEXT

i shall depart for the latter town in a fortnight or three weeks

TARGET

CONTEXT

CONTEXT

You shall understand data by the
company it keeps.

Music Recommendation

New Soul (Yael Naim)

Area (MagnusTheMagnus)

On Our Way (The Royal Concept)

Ride (Twenty One Pilots)

1234 (Feist)

The Little Things (Big Gigantic)

Gold (Chet Faker)

Another Way to Die (Alicia Keys & Jack White)

tAIP (Tanmay's AI Playlist)

NETFLIX

amazon

The Amazon logo, featuring the word "amazon" in a bold, lowercase, sans-serif font. A white curved arrow is positioned below the letters "a" and "z", pointing from the bottom of the "a" to the bottom of the "z".

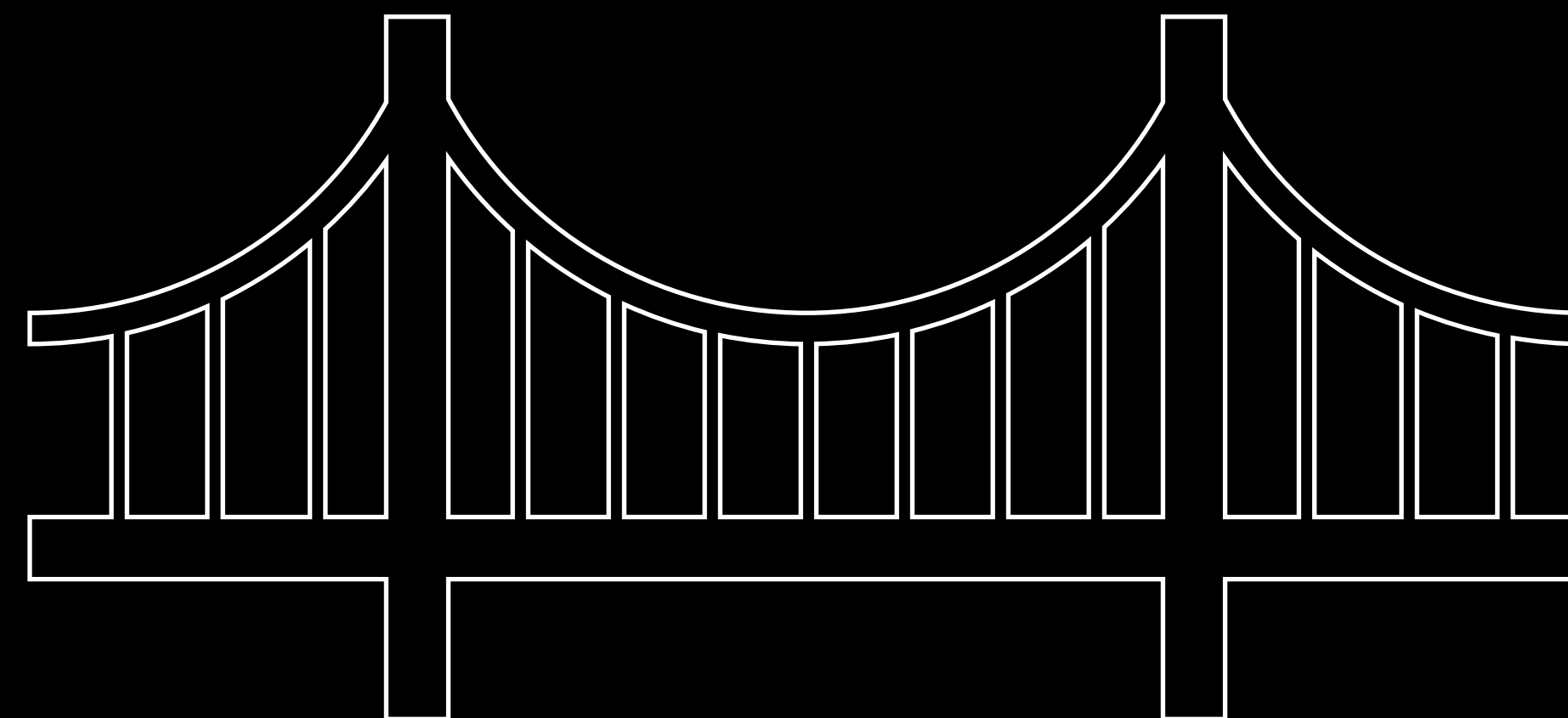






PowerAI Vision

Domain
Experts



AI
Experts



Lack of labelled training data.



Video-based Object Detection

80,000 people are affected by natural disasters daily.



CALL FOR CODE

<https://developer.ibm.com/callforcode/>







The Cognitive Story



Timothy Duncan

Technology Specialist



Eric Bruner
PhD – Nanotechnology

Deep Learning + EEG Brainwaves

Rett Syndrome

Cerebral Palsy

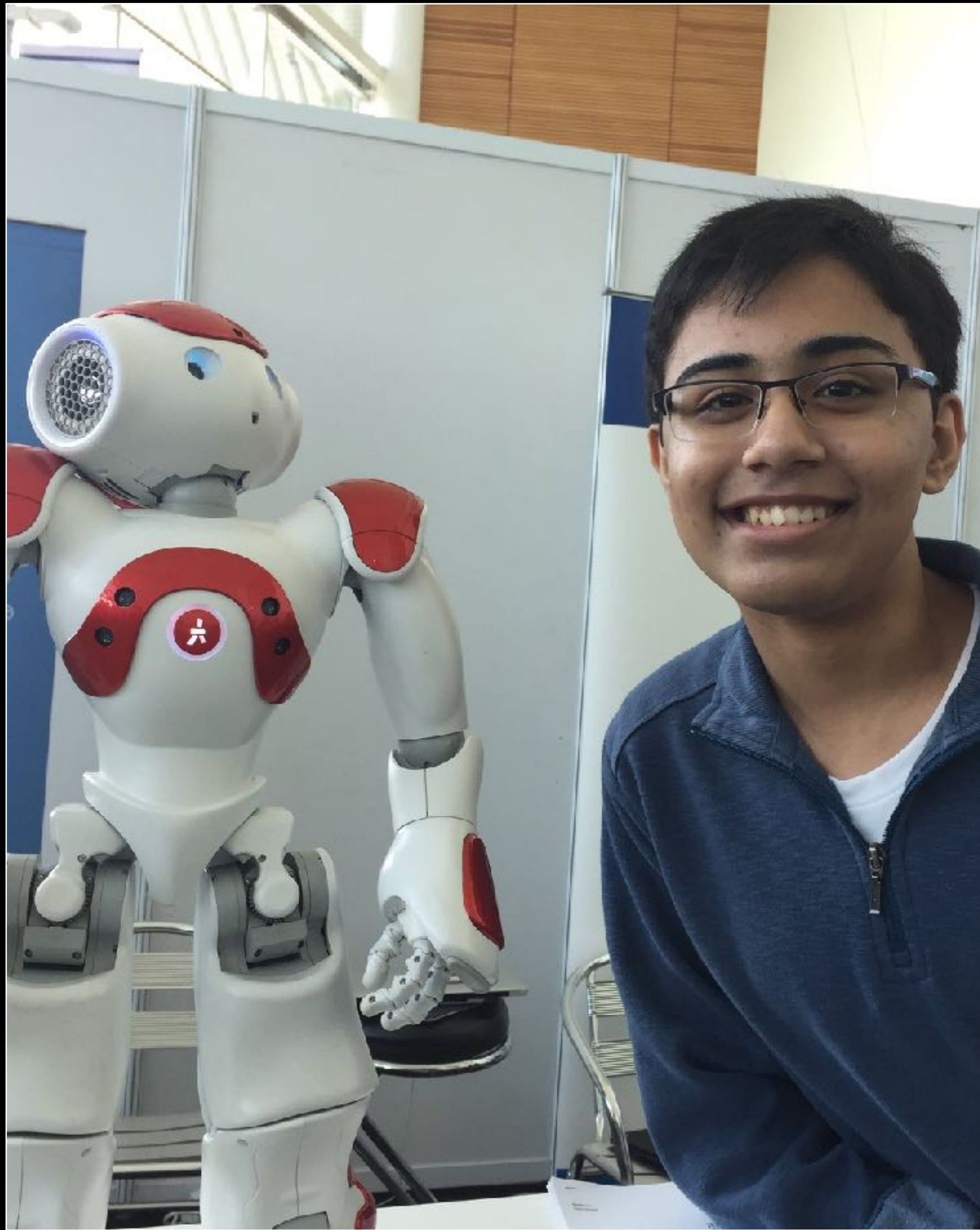
Stroke

Myasthenia gravis

Parkinson's







@TajyMany



tajymany@gmail.com



tanmayb123



tanmay bakshi



Tanmay Bakshi