

The logo features the text 'UX@UA' in a bold, sans-serif font. 'UX' is white with a dark blue shadow, '@' is white, and 'UA' is white with a dark red shadow. The background is a light blue square.

UX@UA

Dr. Joan Palmiter Bajorek

Twitter @JoanBajorek

LinkedIn: dr-jpb

womeninvoice.org

Dr. Joan Palmiter Bajorek

Technical Work

Researcher

Multimodal Voice Data

Principal Investigator, UArizona

Sr Conversational Exp Designer, Nuance

Head of UX at NLX

Technical Advisor at Startups & Enterprise



Harvard
Business
Review

Research Publications

VentureBeat



Social Impact

Women in Voice

Nonprofit 501(c)(3)

DEI Speaker

#4 Influencer in the

World for Voice AI



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Voice and Conversational AI



Siri



Ok Google



Alexa

Conversational AI



Input
Spoken Language



Output
Spoken Language



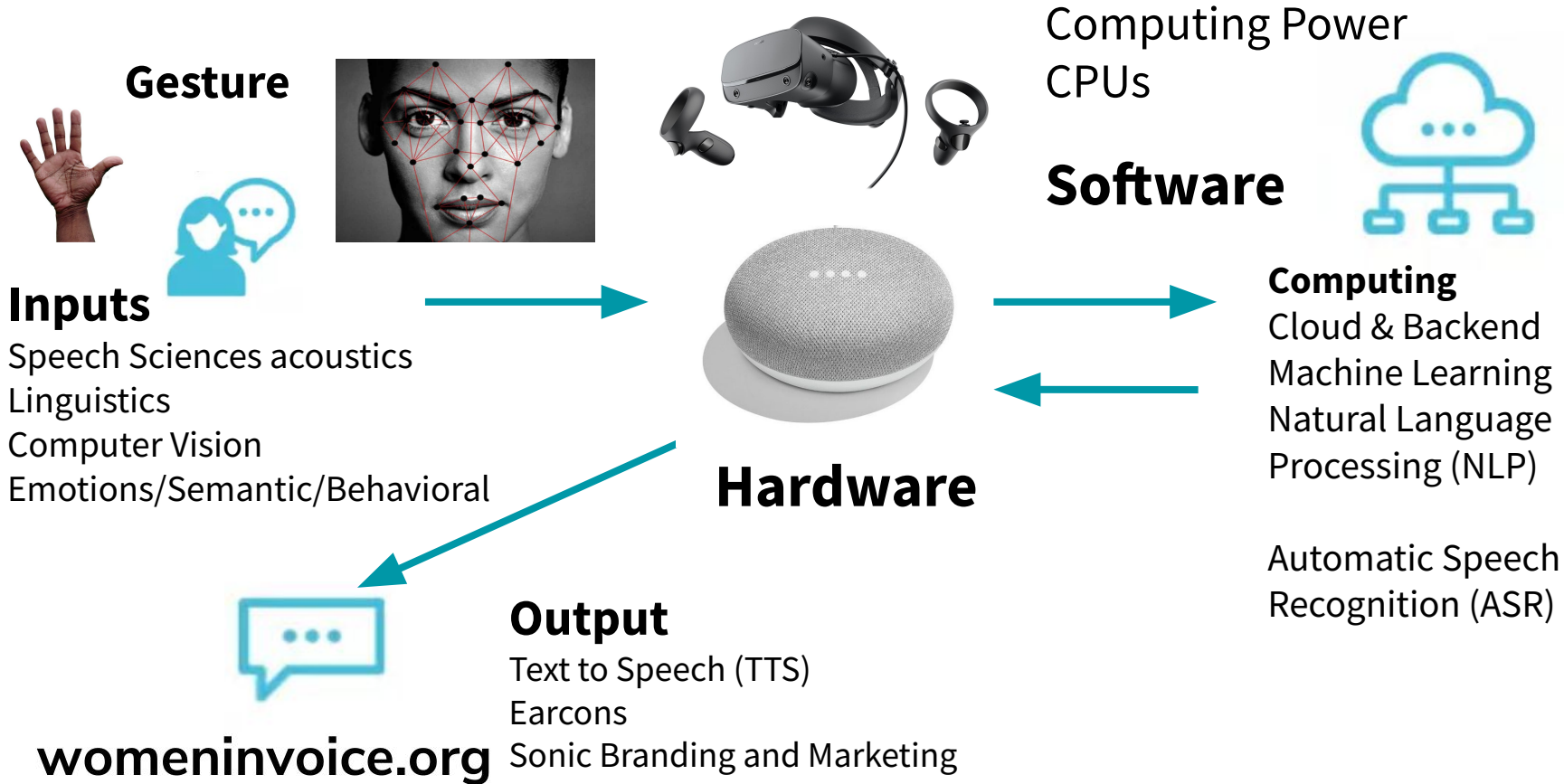
Hardware



Computing
Cloud & Backend

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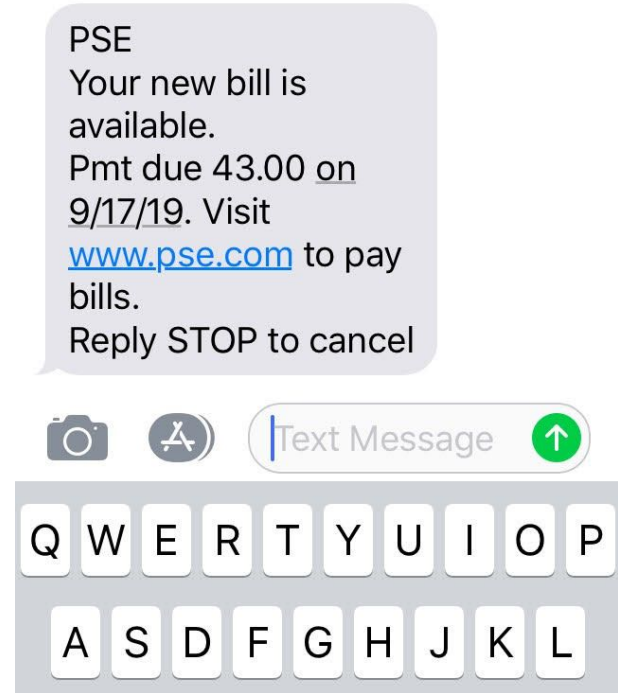
Across the Stack

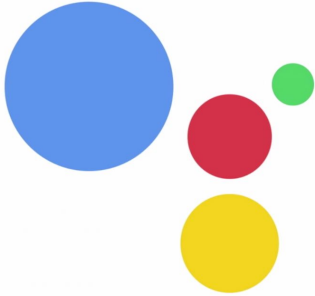


What is Natural Language Processing (NLP)?

Organizing Human Language in sophisticated, data-driven, computational ways

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Google Assistant

Developer

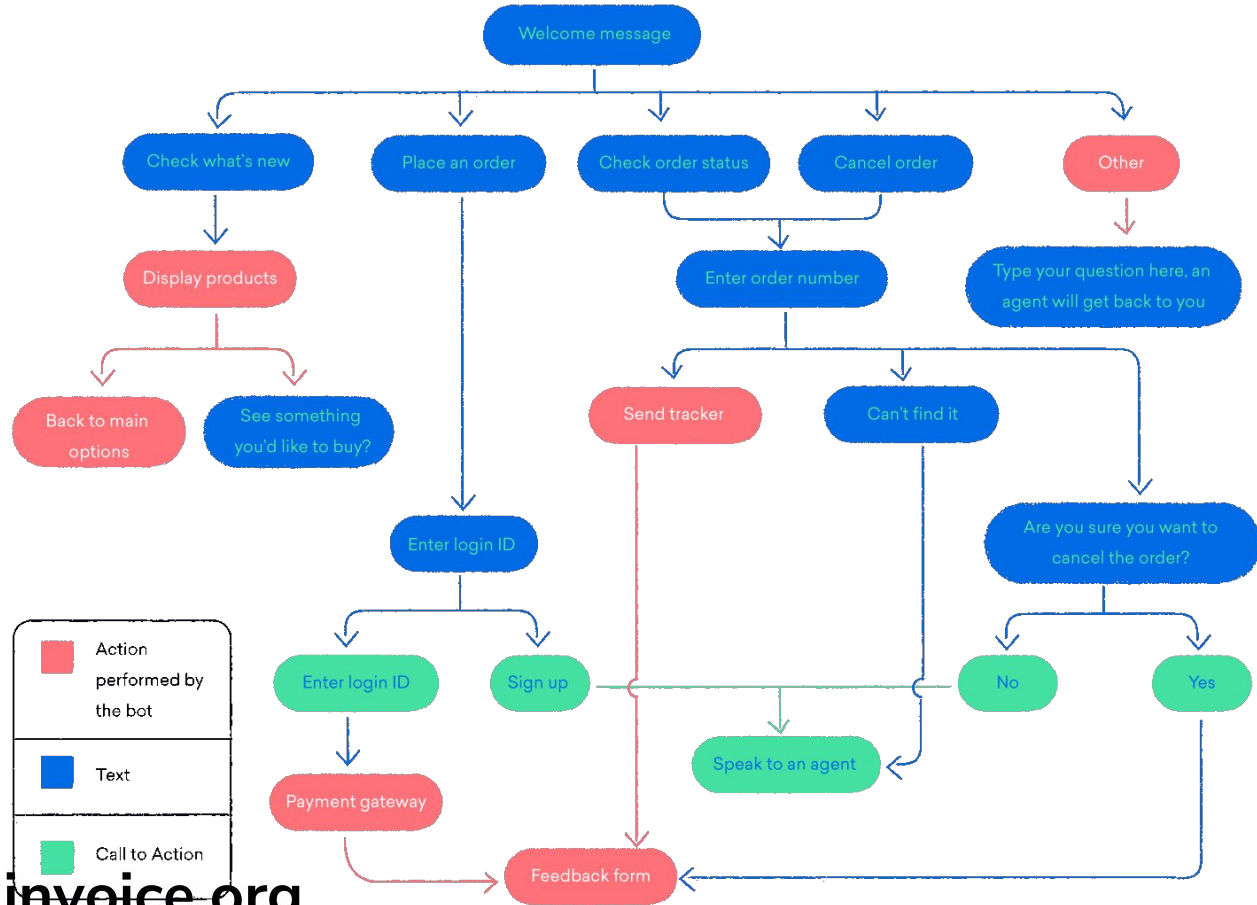
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Book a flight
from Los Angeles
to Hawaii for less
than \$300

You got it!

Conversation
Designer UX Writing
Content

```
"lang": "en",  
"result": {  
  "source": "agent",  
  "action": "flight.book", "parameters": {"geo-city": "Los Angeles",  
    "geo-state-us": "Hawaii", "price": {"amount": 300, "currency": "USD"},  
  "contexts": [{"name": "flightbook", "parameters": {  
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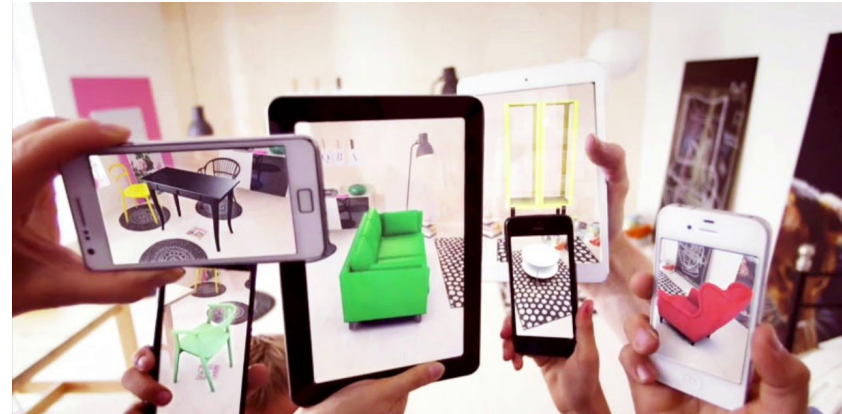
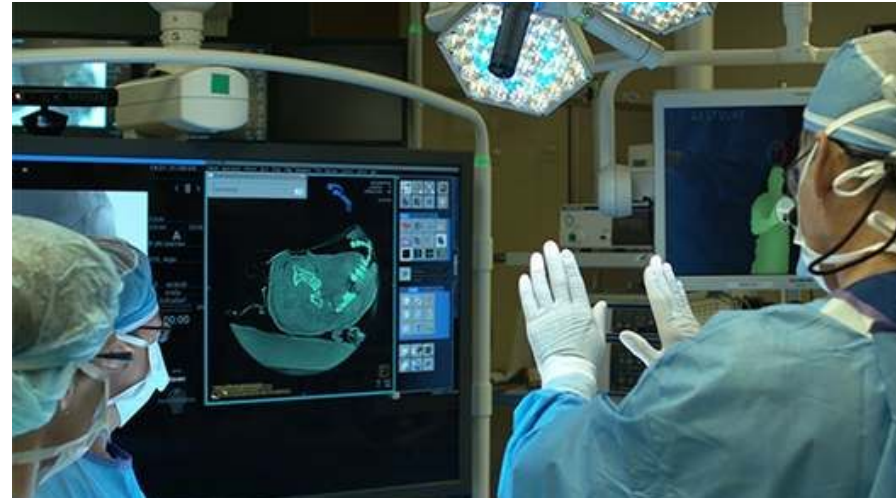
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Multimodal & Integrated

“Multimodal” means leveraging multiple modes/modalities for

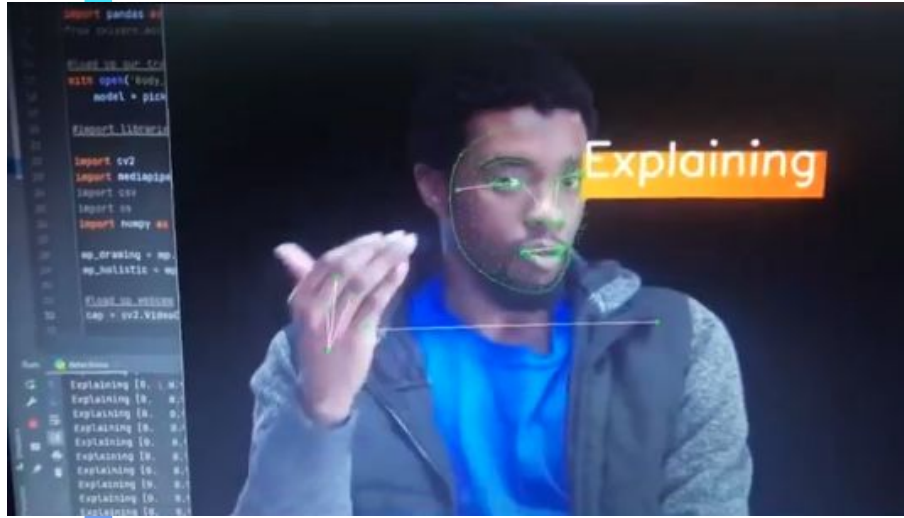
inputs & outputs:
text, touch, audio, computer vision,
video, AR, VR, gesture, & voice

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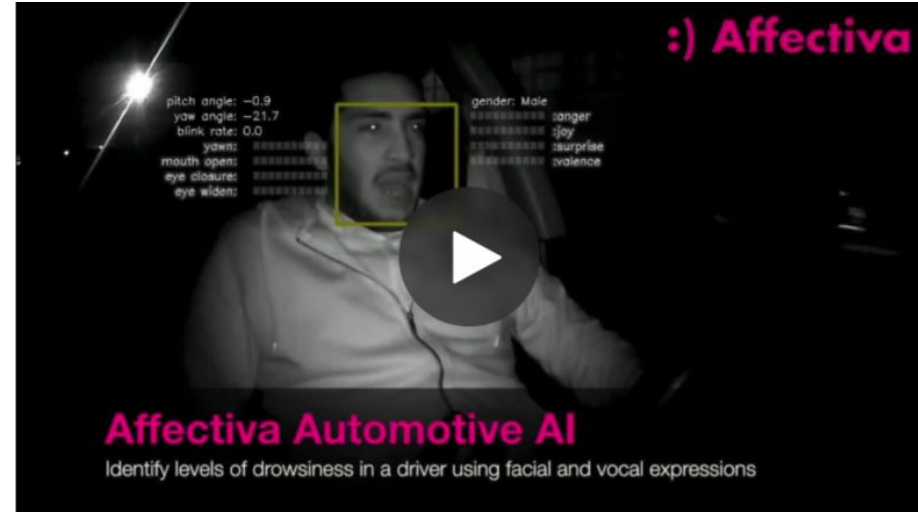
Alexa اليكسا اكتشافي الجديد





Mfonobong Isine
(2021)

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28% of all US traffic related deaths being caused by alcohol impaired driving (Affectiva, 2018)

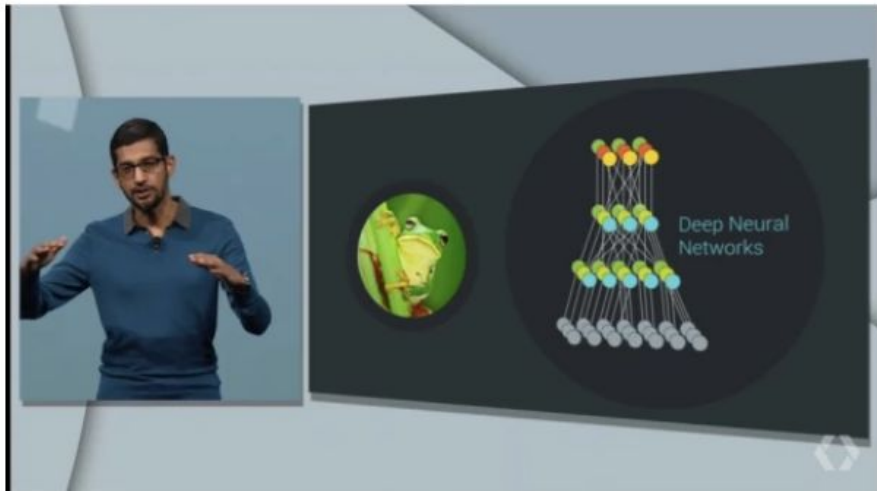


BIG DATA



Google says its speech recognition technology now has only an 8% word error rate

JORDAN NOVET @JORDANNOVET MAY 28, 2015 10:40 AM



Above: Google's Sundar Pichai talks about its advancements in deep learning at the 2015 Google I/O conference in San Francisco on May 28.

Image Credit: Screenshot

Google today announced its advancements in deep learning, a type of artificial

VB Recommendations



Microsoft releases new Windows 10 preview with Sets, Bluetooth, and Calculator improvements



Netmarble invests \$190 million in K-pop sensation BTS's music label



AWS Secrets Manager plugs a major cloud security hole

Upcoming Events

GamesBeat Summit 2018 Apr 9 - 10

Transform 2018 Aug 21 - 22

VB Summit 2018 Oct 22 - 23

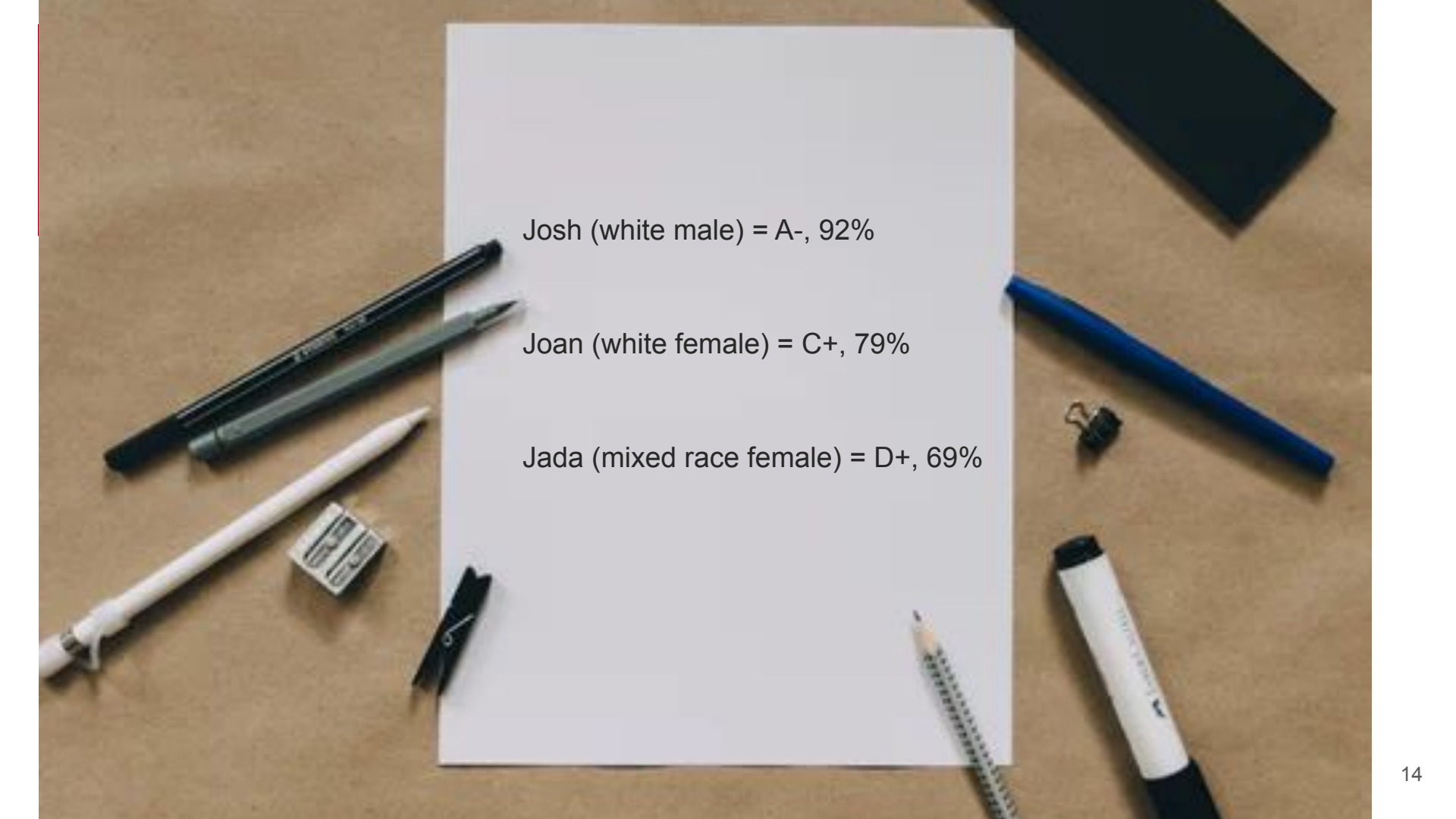
Voice Recognition Still Has Significant Race and Gender Biases

by Joan Palmiter Bajorek

May 10, 2019



womeninvoicework.org



Josh (white male) = A-, 92%

Joan (white female) = C+, 79%

Jada (mixed race female) = D+, 69%

Jobs and Careers

The screenshot displays the Glassdoor job search interface. At the top, the search criteria are set to "Conversational Designer" in the "United States". The navigation bar includes "Jobs", "Companies", "Salaries", and "Careers". The job listings are sorted by "Most Relevant" and show 359 results. The first listing is for "Sr. Conversation Designer (Chat)" at Allstate, with a 3.5-star rating and a salary range of \$115K-\$135K. A salary estimate tool is overlaid on the listing, showing a range of \$45K-\$145K. The tool includes a bar chart and a slider. Below the listing, the "Average Base Salary Estimate" for this role is shown as \$125,000 per year, with a range from \$115K to \$135K. The tool also includes a "Show More" link and a "See All Allstate Salaries" link.

glassdoor Conversational Designer United States

Jobs Companies Salaries Careers For Employers Post Jobs

All Job Types Posted Any Time \$45K-\$145K 25 Miles More Create Job Alert

Most Relevant 359 Conversational Designer Jobs in

Allstate
Sr. Conversation Designer (Chat)
Northbrook, IL
\$115K - \$135K (Employer est.)
Viewed on March 17

Apple
AIML - Siri Interaction Designer, Dictation
Seattle, WA
Top Company 30d+

Apple
CI Designer
Seattle, WA
Top Company 30d+

Aquent
Conversational Experience Designer - Chabot (REMOTE)
San Diego, CA
\$41K - \$80K (Glassdoor est.)
New 24h

Applied Resource Group
Senior Technical Writer
Alpharetta, GA

Average Base Salary Estimate
Estimate provided by employer
\$125,000 /yr (est.)
\$115K \$135K

When employers manage their jobs on Glassdoor, they have the option to specify an "Employer Estimate" salary range, which replaces any estimate generated by Glassdoor that might otherwise have been associated with the job. [Show More](#)

[See All Allstate Salaries >](#)

Company Overview

Women in Voice, 501(c)(3)



The Mission of Women in Voice is to amplify, equip, connect, and celebrate women and gender minorities in the conversational AI and voice tech field via community, networking, education, & events.

We're the Women Who Code for Voice Tech

womeninvoicе.org

22 Chapters in 16 Countries

Seattle	United Kingdom
Minneapolis	Canada
New York	Spain
New Jersey	France
Michigan	Germany
Mexico	Italy
Brazil	India
Latinx (Global)	Japan
Russia	ANZ
Silicon Valley	(Australia + New Zealand)
Boston	Switzerland

International by Design



We have hosted 150+ Events in 3+ years
Hackathons, Meetups, Seminars, Presentations

womeninvoice.org



WOMEN IN VOICE 2022 SUMMIT

MAY 23-26 | GLOBAL | VIRTUAL

[#womeninvoice](#) [#wivsummit](#)

womeninvoice.org/summit

2021: Female Founder Events: womeninvoice.org/pitch-events

Pitch Events



Women in Voice

ON THE WAY UP!
An Elevator Pitch Series

2022 Series
Connecting investors with WiV Founders
womeninvoice.org/pitch-events

SPONSORED BY
alexastartups

The poster features a teal and light blue background with abstract circular shapes. At the top left is the Women in Voice logo. Below it is a large teal arrow pointing upwards. The main title 'ON THE WAY UP!' is in bold teal, with 'An Elevator Pitch Series' below it. A teal semi-circle is positioned below the title. At the bottom, a white box contains the text '2022 Series', 'Connecting investors with WiV Founders', and the URL 'womeninvoice.org/pitch-events'. Below this box, it says 'SPONSORED BY alexastartups' with the Alexa Startups logo.

Office Hours



LAST OFFICE HOUR OF THE YEAR!

Women in Voice Presents

OFFICE HOURS

FOUNDERS AND INVESTORS OFFICE HOURS
Join us for a friendly discussion about your startup, founding story, and pitching for the 75th or 1st time!

Sponsored by
alexastartups

FRIDAY, OCTOBER 22

The poster has a teal background. At the top, it says 'LAST OFFICE HOUR OF THE YEAR!'. Below that is the Women in Voice logo and 'Women in Voice Presents'. The main title 'OFFICE HOURS' is in large, bold white letters. To the right of the title are two large, stylized upward-pointing chevrons, one purple and one teal. Below the chevrons is a photograph of a hand pressing an elevator button with an upward arrow. At the bottom, it says 'FOUNDERS AND INVESTORS OFFICE HOURS' followed by an italicized invitation: 'Join us for a friendly discussion about your startup, founding story, and pitching for the 75th or 1st time!'. Below this, it says 'Sponsored by alexastartups' with the Alexa Startups logo. At the very bottom, it says 'FRIDAY, OCTOBER 22'.

The logo features the text 'UX@UA' in a bold, sans-serif font. 'UX' is white with a dark blue shadow, '@' is white, and 'UA' is white with a dark red shadow. The background is a light blue square.

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