



Connecting People via Intelligence

# Intro to the AIT AI Center



Natural  
Language  
Processing

Expert  
Systems

Neural  
Networks

Robotics

# Software Made in Thailand for Asia.

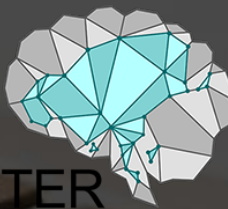
ผลิตภัณฑ์และบริการชั้นนำระดับโลกของไทย

**V-WATCH  
SOFTWARE**

ซอฟต์แวร์ตรวจสอบงานผลิตสินค้าอัตโนมัติ



**AI  
CENTER**



# Tech Integration



Experts in video analytics

Machine Learning

Deep Learning

AI Tech

NLP



# Meet our Team



# Our Business Model



## Outreach

- Product development
- Patents
- Thailand Innovation List
- Sales to private and government sectors
- Public-private partnership
- Joint projects with private sector
- Consulting to the private sector

## “IN Reach”

- Research project proposals to funding agencies
- Joint project proposals with AIT faculty
- Research opportunities for AIT students

## Team Building

- Engineering, sales & marketing, admin and finance, legal & IP
- Hiring AIT graduates
- Supporting staff to join AIT programs

# Products: Vehicle Analytics

# Products: Human Analytics





# Projects: AI Analytics and Research

Health and Medicine

Environmental Monitoring

Construction

Agriculture

Energy

Business Intelligence



# Bias in AI



# AI Systems Learn What They Are Exposed To

THE VERGE

TECH ▾

REVIEWS ▾

SCIENCE ▾

CREATORS ▾

ENTERTAINMENT ▾

VIDEO

MORE ▾



MICROSOFT WEB TL;DR

## Twitter taught Microsoft's AI chatbot to be a racist asshole in less than a day

68

By [James Vincent](#) | Mar 24, 2016, 6:43am EDT

Via [The Guardian](#) | Source [TayandYou \(Twitter\)](#)



# Face Recognition Works Best on White Men



SHALINI KANTAYYA, "CODED BIAS"

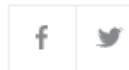
# Tech Companies Are Male Dominated

RETAIL OCTOBER 11, 2018 / 6:04 AM / UPDATED 3 YEARS AGO

## Amazon scraps secret AI recruiting tool that showed bias against women

By Jeffrey Dastin

8 MIN READ



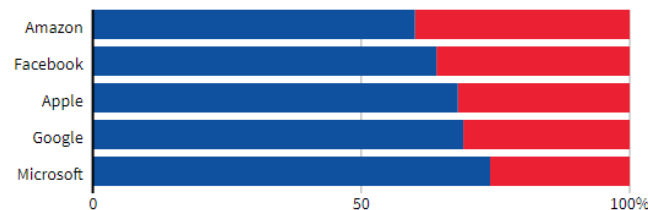
SAN FRANCISCO (Reuters) - Amazon.com Inc's [AMZN.O](#) machine-learning specialists uncovered a big problem: their new recruiting engine did not like women.

### Dominated by men

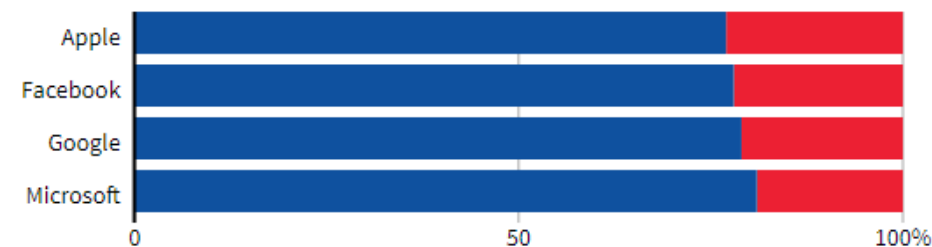
Top U.S. tech companies have yet to close the gender gap in hiring, a disparity most pronounced among technical staff such as software developers where men far outnumber women. Amazon's experimental recruiting engine followed the same pattern, learning to penalize resumes including the word "women's" until the company discovered the problem.

#### GLOBAL HEADCOUNT

Male Female



### EMPLOYEES IN TECHNICAL ROLES



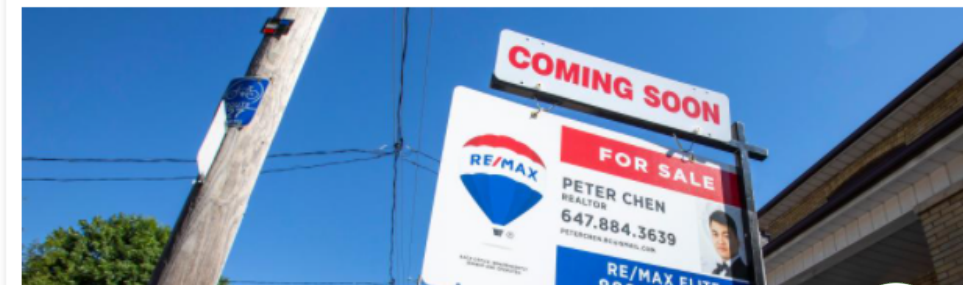
# Credit Scoring Models Are Less Accurate For Low Income And Minority Groups

Ethics and Justice, Machine Learning

## How Flawed Data Aggravates Inequality in Credit

AI offers new tools for calculating credit risk. But it can be tripped up by noisy data, leading to disadvantages for low-income and minority borrowers.

Aug 6, 2021 | Edmund L. Andrews [Twitter](#) [Facebook](#) [YouTube](#) [LinkedIn](#) [Instagram](#)



# What's Needed?

## Awareness, Advocacy, Technical Solutions, and Policy


### We Need To Ensure That AI For Asia Is AI For All

### Think Before We Build

### Support NGOs Like The Algorithmic Justice League






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# AI for Asia Thank you!