

# AI For Everyone

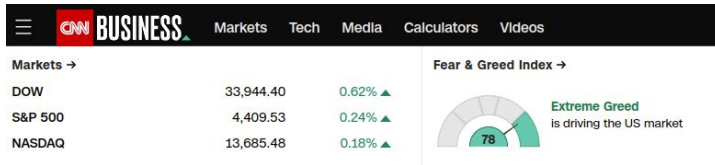
A Tour of ChatGPT

**Presenter: Guanqun (David) Yang, Ph.D. Candidate @ Stevens CS**

# Background

## What is ChatGPT?

- ChatGPT is the one of the most exciting tech news in the past year.
- ChatGPT = Chat + GPT (Generative Pretrained Transformer)
- It is an AI program that is *smarter* and more *helpful* than its older friends like
  - Chatbots
  - MS Word spelling and grammar corrector.
  - Google's Machine Translator.
- Those who **know** and **use** ChatGPT will not be replaced by ChatGPT.



The Washington Post  
Democracy Dies in Darkness

### INNOVATIONS

## ChatGPT took their jobs. Now they walk dogs and fix air conditioners.

Technology used to automate dirty and repetitive jobs. Now, artificial intelligence chatbots are coming after high-paid ones.



By Samantha Murphy Kelly, CNN Business  
Updated 1:35 PM EST, Thu January 26, 2023



By Pranshu Verma and Gerrit De Vynck

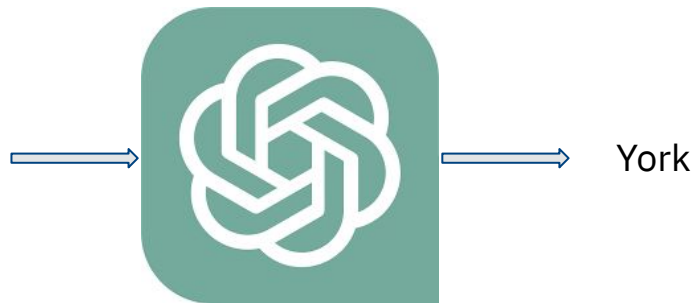
June 2, 2023 at 6:00 a.m. EDT

# Knowing ChatGPT

## How does ChatGPT work?

- There are many possibilities for the blank. Could it be “New Jersey”?
- ChatGPT predicts next word by looking at the previous words.
- However, ChatGPT is reads a lot of texts during its evolution; “a Broadway show” is more likely to appear with “New York” than “New Jersey”.
- Therefore, it is able to figure out the blank is “York”.

I am going to see a Broadway  
show in New \_\_?\_\_



# Using ChatGPT

How could we let ChatGPT work for us?

- How do could move beyond the “New York” example and let ChatGPT work for us?
- Let’s look at the real examples.

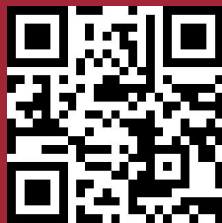


# Thank You for Listening!

## Any Questions?



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