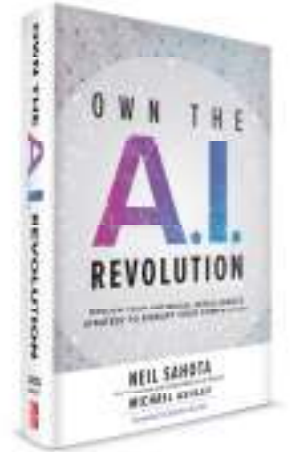

Neil Sahota (萨冠军)
09/27/2023

Meet Your New Employee ChatGPT: *How Generative AI is Reshaping Business*



The Stats

- By 2030, AI and robotics will contribute \$15T to the global GDP (PWC)
- From 2020-2025, 85M jobs supplanted by automated machines (World Economic Forum)
 - 2022 – 30% of all tasks are done by machines; *estimated to be 50% by 2025*
 - Future: tech driven economy will create 97M jobs
- Within the next three years, 120M global workers will need retraining based on AI's impact (IBM)
 - ~11.5M workers in the U.S.

“The world’s most advanced cities aren’t ready for the disruptions of artificial intelligence.”

----- Management Consulting Firm Oliver Wyman

CHATGPT

 OpenAI



What is your biggest business barrier to using Generative AI (e.g., ChatGPT)?

- A. Expensive to buy existing off-the-shelf solutions
- B. Insufficient technical expertise to identify ideas
- C. Operational efficiencies gained have minimal benefits
- D. Unclear where we can use it within the business



Human Intelligence

people and experiences

flexible
creative
emphatic
instinctive
commonsensical

Hybrid Intelligence

fast
efficient
cheap
scalable
consistent

data and algorithms

Machine Intelligence



Generative AI *only* generates/produces,
it does **NOT** create.



“Human Free” Generation



Prompt Engineering

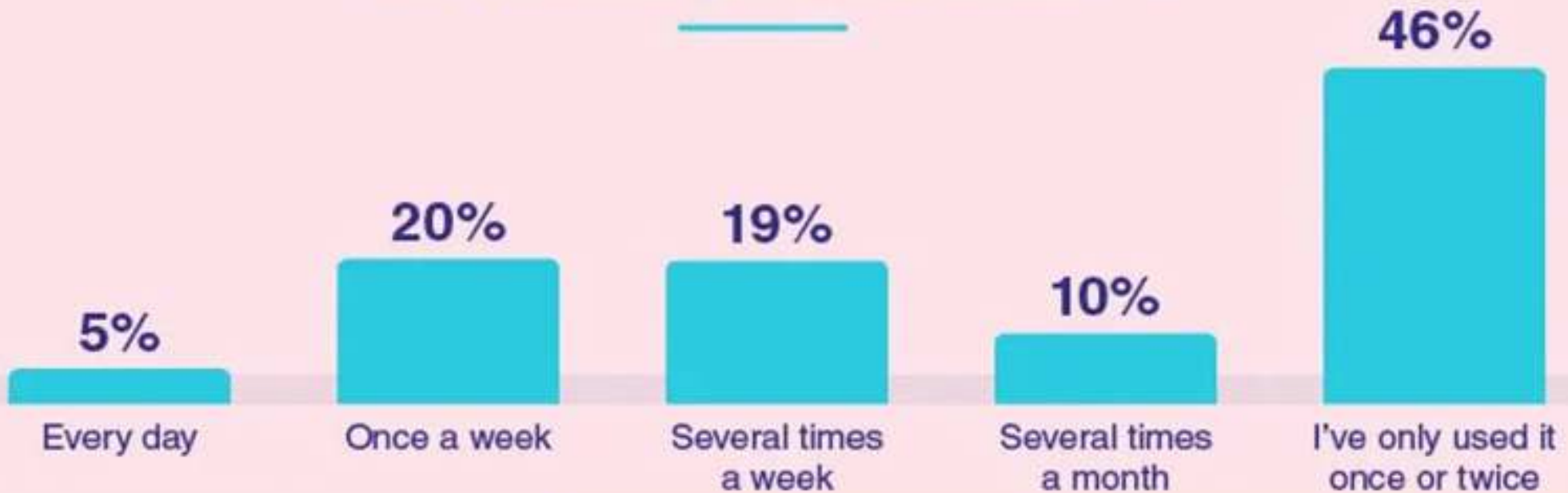


Querying



Programming

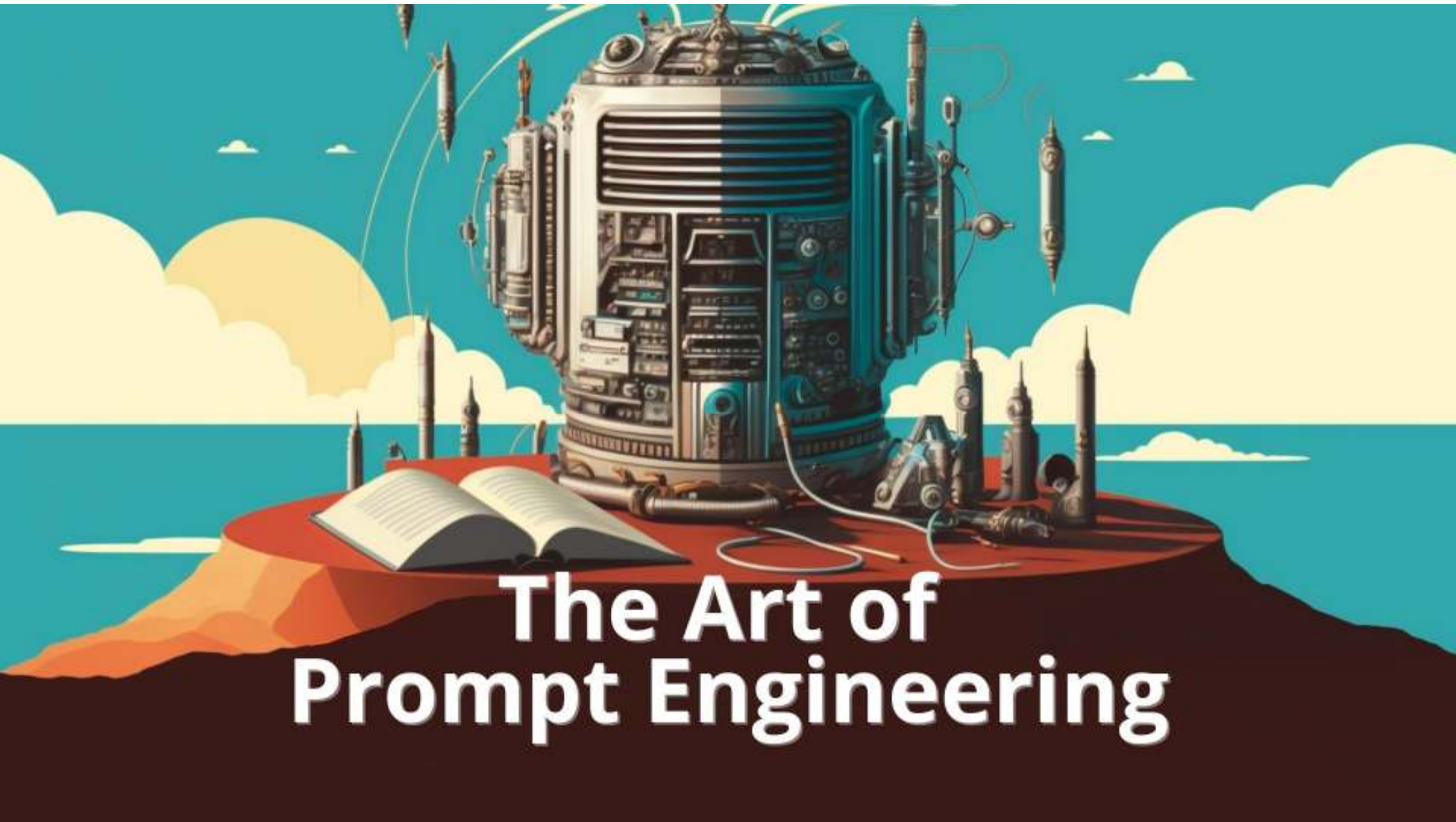
How often do you use ChatGPT?



Nearly 1 in 4 employed respondents have used ChatGPT for work. Of them, 29% did so without their employer's knowledge.

Source: ZDNET - ChatGPT: Who's using the AI tool and why?





The Art of Prompt Engineering

Good versus Bad Prompt

Write my resume, so I can get a job.

Good versus Bad Prompt

Write my resume, so I can get a job.

I am going to send you a job description and my resume. Can you optimize my resume for this job? Please include bullet points for *[insert job title here]* and include metric-based achievements.

Good versus Bad Prompt

Write my resume, so I can get a job.

UNDERSTANDING
PARAMETERS

Write my resume. Please include 3 bullet points for *[insert job title here]* and include metric-based achievements.

Tips on Writing Prompts

- Focus on a clear and specific topic
- Use open-ended questions
- Provide context
- Use clear and concise language



Shameless Plug



<https://ce.uci.edu/courses/sectiondetail.aspx?year=2023&term=FALL&sid=00428>

UCI Division of Continuing Education

Generative AI: Prompt Engineering

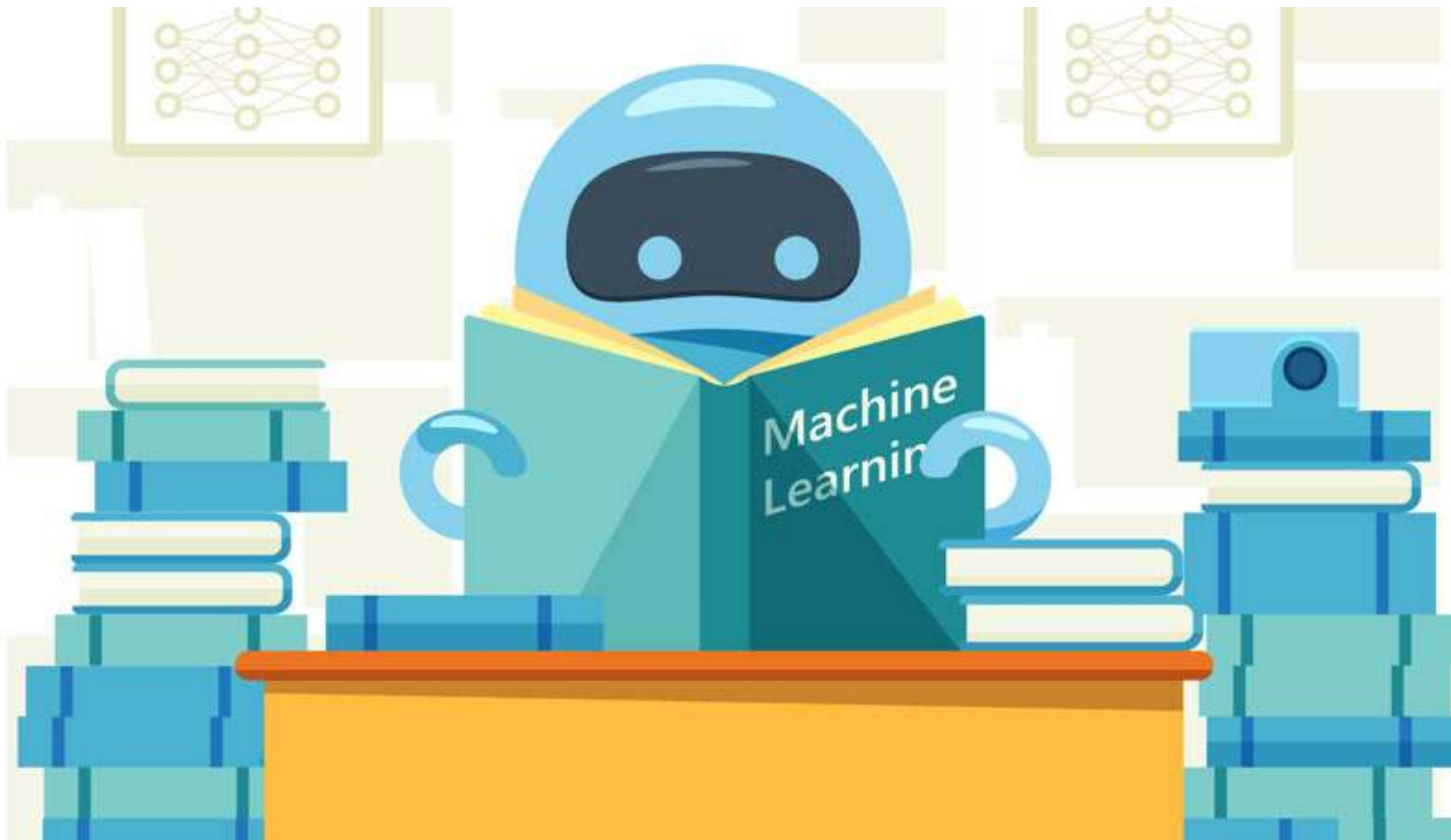


1-Day Online Workshop
with instructor **Neil Sahota**



October 18, 2023
9AM - 12PM (Pacific)

ENROLL NOW





**KEEPING THE LIGHTS ON
WON'T KEEP YOU SAFE**

Maybe it's not always
about trying to
fix something
broken.

Maybe it's about
starting over and
creating something
better.

www.WisdomLifeQuotes.com



For Questions / Outreach:

Website: <https://www.neilsahota.com/>

LinkedIn: <https://www.linkedin.com/in/neilsahota/>

Twitter: https://twitter.com/neil_sahota

Newsletter: <https://www.linkedin.com/newsletters/6957767299151880192/>

