PLAY AROUND

- BabyLM Challenge (https://babylm.github.io/)
- Andrej Karpathy's build GPT from scratch (https://www.youtube.com/watch?v=kCc8FmEb1nY)
- Inception interpretability (https://distill.pub/2020/circuits/zoom-in/)
- GPT in 60 lines of NumPy (https://jaykmody.com/blog/gpt-from-scratch/)
- PromptHero (https://prompthero.com/)

```
ampling parameters: temp = 0.800000, top_k = 40, top_p = 0.950000, repeat_last_n = 64, repeat_penalty = 1.300000
 he first man on the moon was 20 years old and looked^[
 pp - 18:16:11 up 147 days, 9:22, 5 users, load average: 9.45, 8.06, 5.11
     240 total, 2 running, 238 sleeping, 0 stopped, 0 zombie
       78.6 us, 7.8 sy, 0.0 ni, 0.0 id, 2.9 wa, 0.0 hi, 10.7 si, 0.0 s
       79.2 us, 13.2 sy, 0.0 ni, 0.0 id, 7.5 wa, 0.0 hi, 0.0 si, 0.0 st
       75.2 us, 16.2 sy, 0.0 ni, 0.0 id, 8.6 wa, 0.0 hi, 0.0 si, 0.0 s
       78.3 us, 13.2 sy, 0.0 ni, 0.0 id, 8.5 wa, 0.0 hi, 0.0 si, 0.0 st
          3792.3 total, 83.5 free, 3621.3 used,
               20 0 5231264 3.3g 1904 R 352.9 88.4 27:37.52 main
               : fp asimd evtstrm crc32 cpuid
 PU implementer : 0x41
CPU architecture: 8
CPU variant : 0x0
               : 0xd08
CPU part
PU revision
               BCM2835
 ardware
evision
               : c03111
 erial
               : 10000000d62b612e
                Raspberry Pi 4 Model B Rev 1.1
Model
ubuntu@rpi:∼$
```

REFERENCES

- Stephen Wolfram's article on ChatGPT (https://writings.stephenwolfram.com/2023/02/what-is-chatgpt-doing-and-why-does-it-work/)
- Attention is all you need (https://www.youtube.com/watch?v=iDulhoQ2pro)
- Intro to Q learning (https://blog.floydhub.com/an-introduction-to-q-learning-reinforcement-learning/)
- The illustrated transformer (http://jalammar.github.io/illustrated-transformer/)
- Hugging Face NLP course (https://huggingface.co/course/chapter1/1)
- How Transformers work in deep learning and NLP: an intuitive introduction (https://theaisummer.com/transformer/)