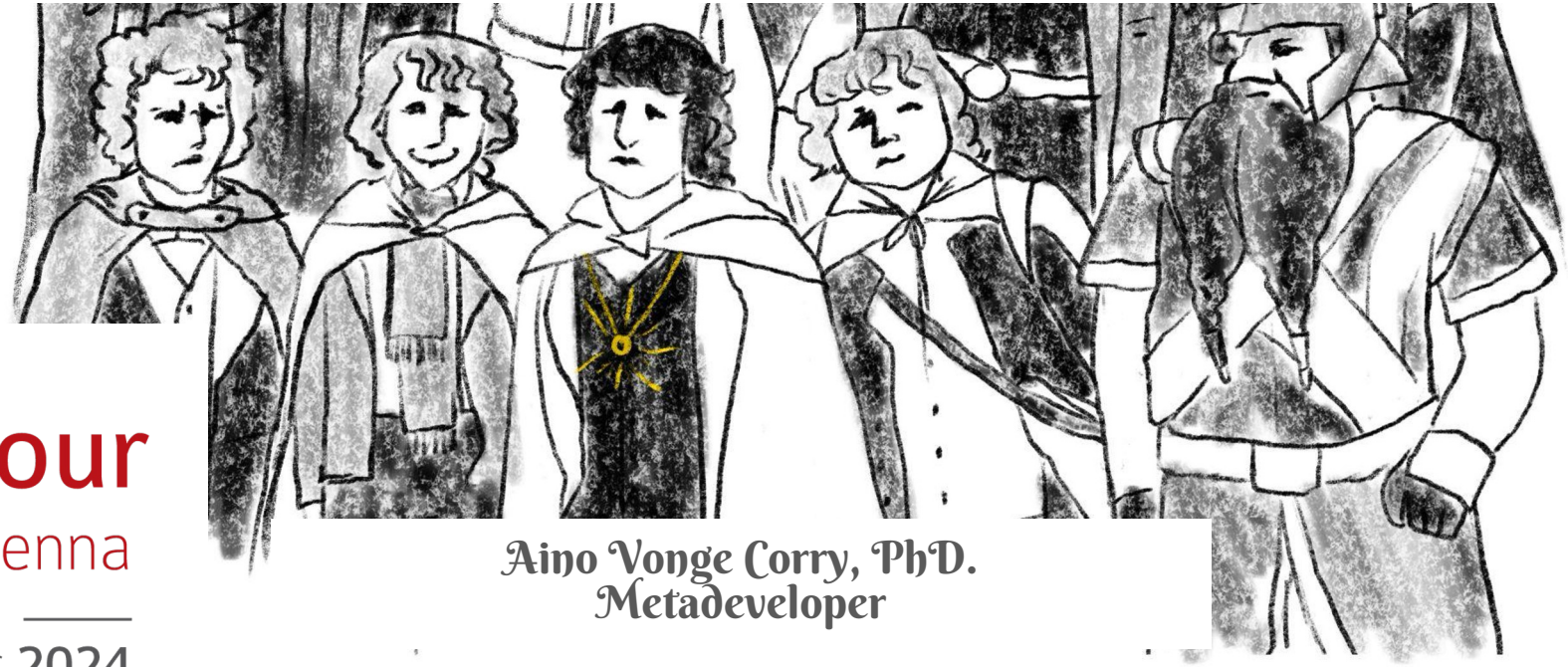
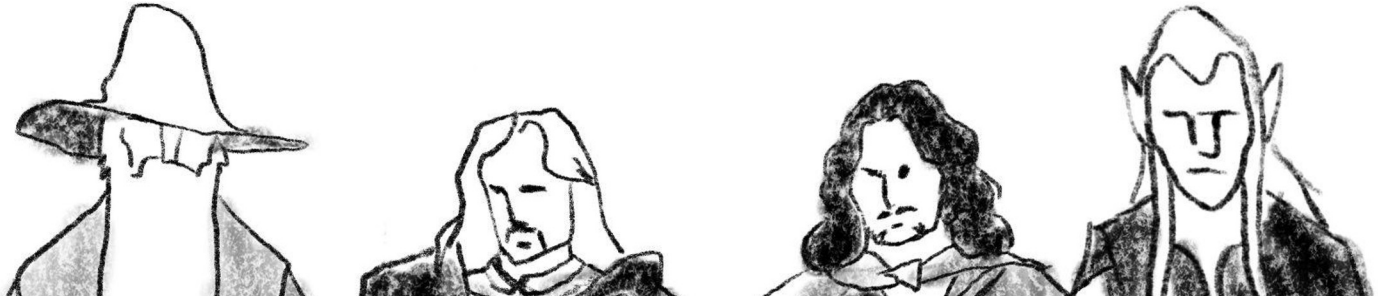
What we (should have) learned from Lord of The Rings



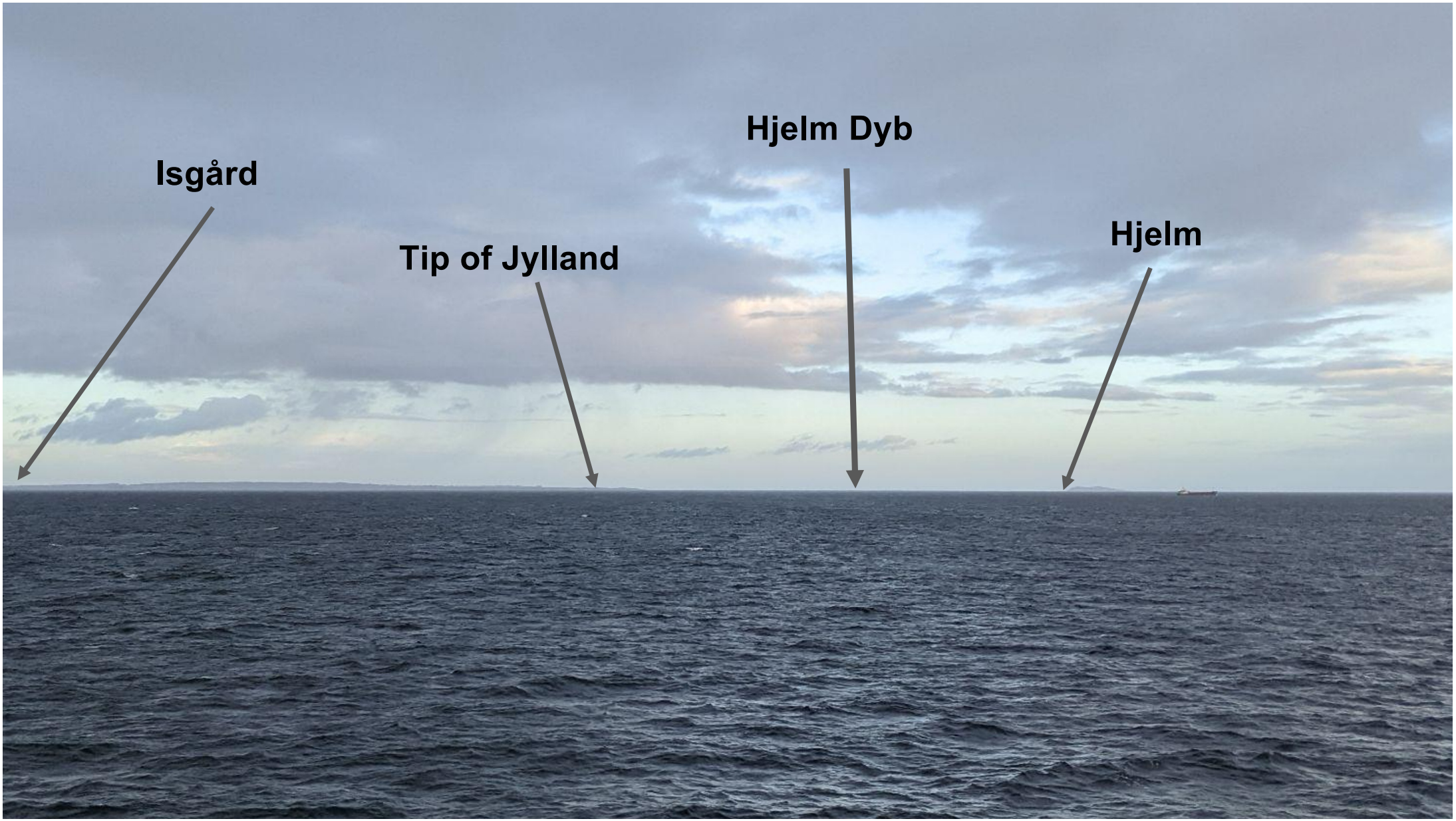
Aino Vonge Corry, PhD.
Metadeveloper

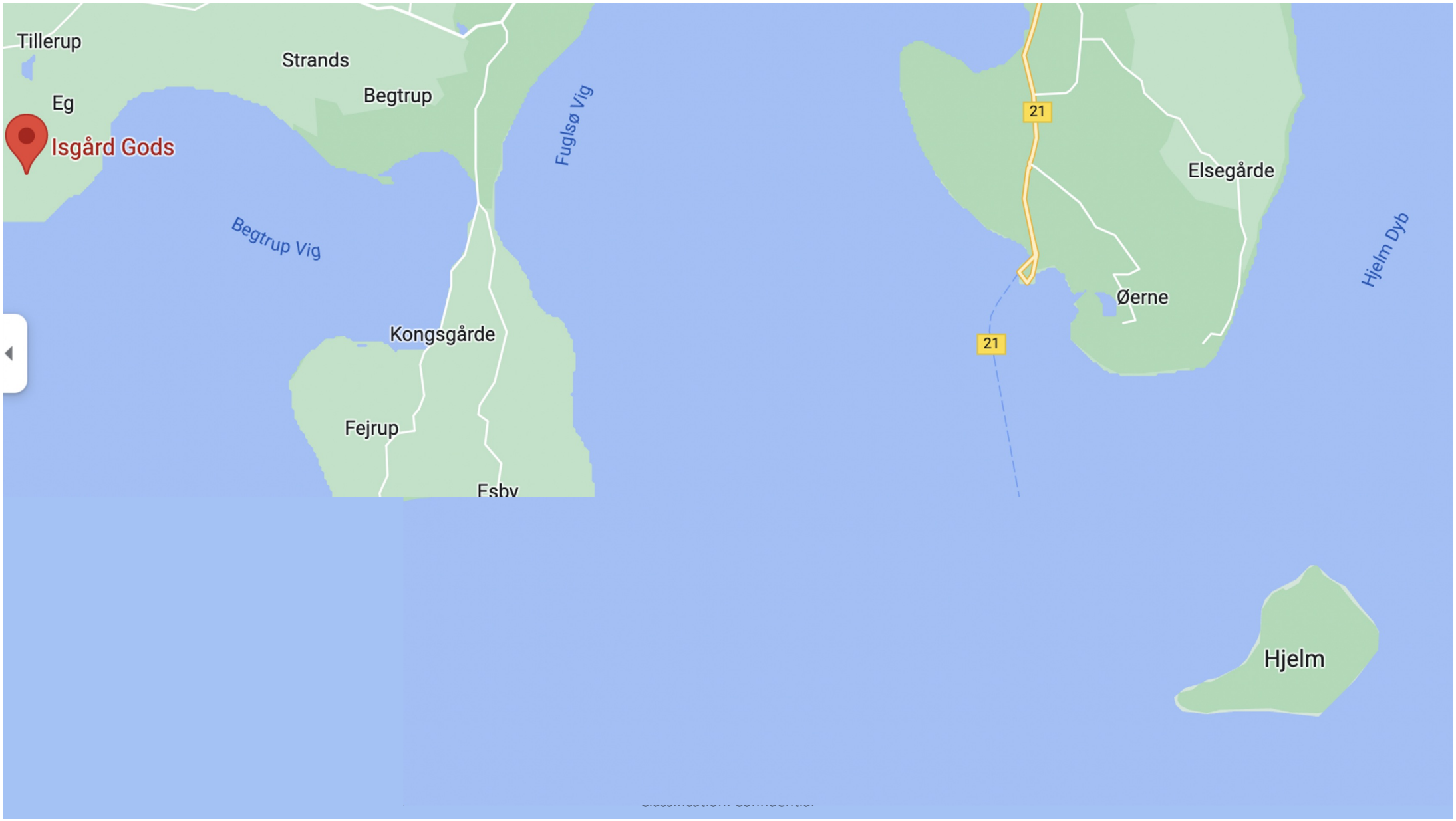
agile tour
Vienna

12 September **2024**



Illustrations by Maja Vonge Cornils, CS student and artist


Isgård
Tip of Jylland
Hjelm Dyb
Hjelm


Tillerup
Strands
Begtrup
Eg
Isgård Gods
Begtrup Vig
Fuglsø Vig
Kongsgårde
Fejrup
Esby
21
21
Elsegårde
Øerne
Hjelm Dyb
Hjelm

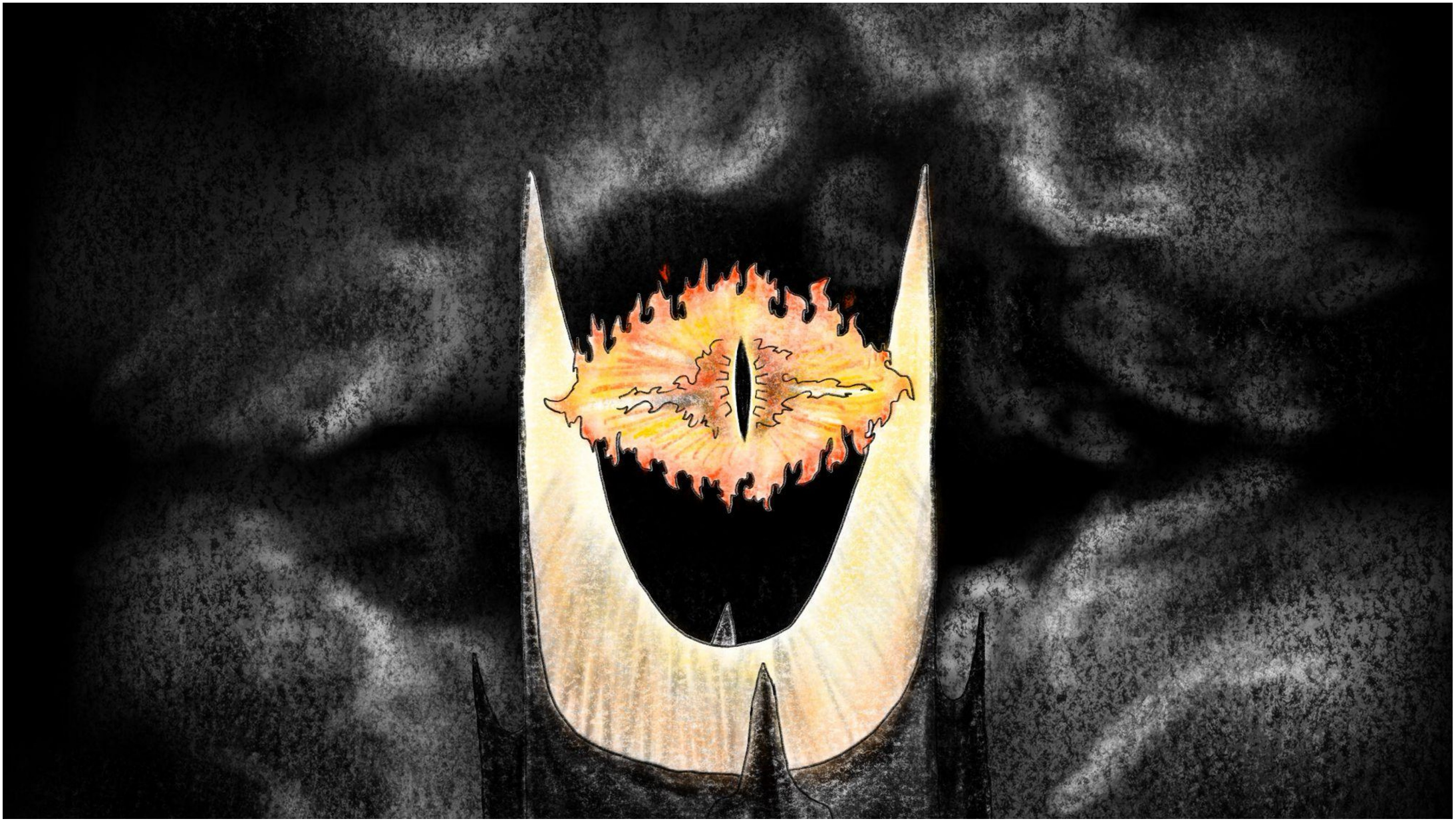
“Just pop the ring in the hot stuff!”

One does not simply
walk into Mordor...

“I will take the Ring,
though I do not know the way.”

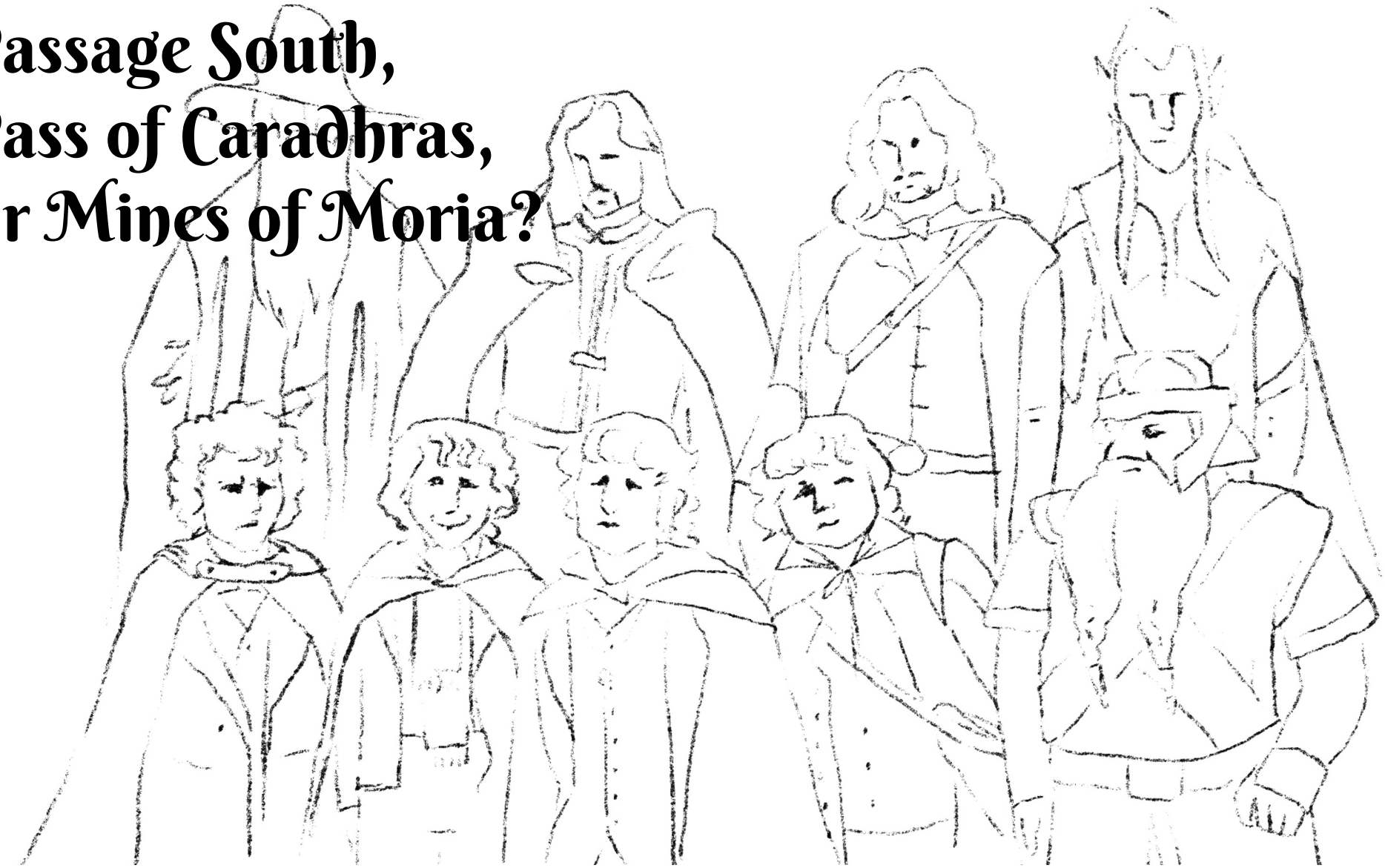
— Frodo

“All we have to decide is what to do with the time that is given us.”



Cross-functional team?

Passage South,
Pass of Caradhras,
Or Mines of Moria?



“Fool of a Took! Throw yourself in next time, and then you will be no further nuisance.”

— Gandalf

"Men? Men are weak."

– Elrond

“Never trust an elf!!”

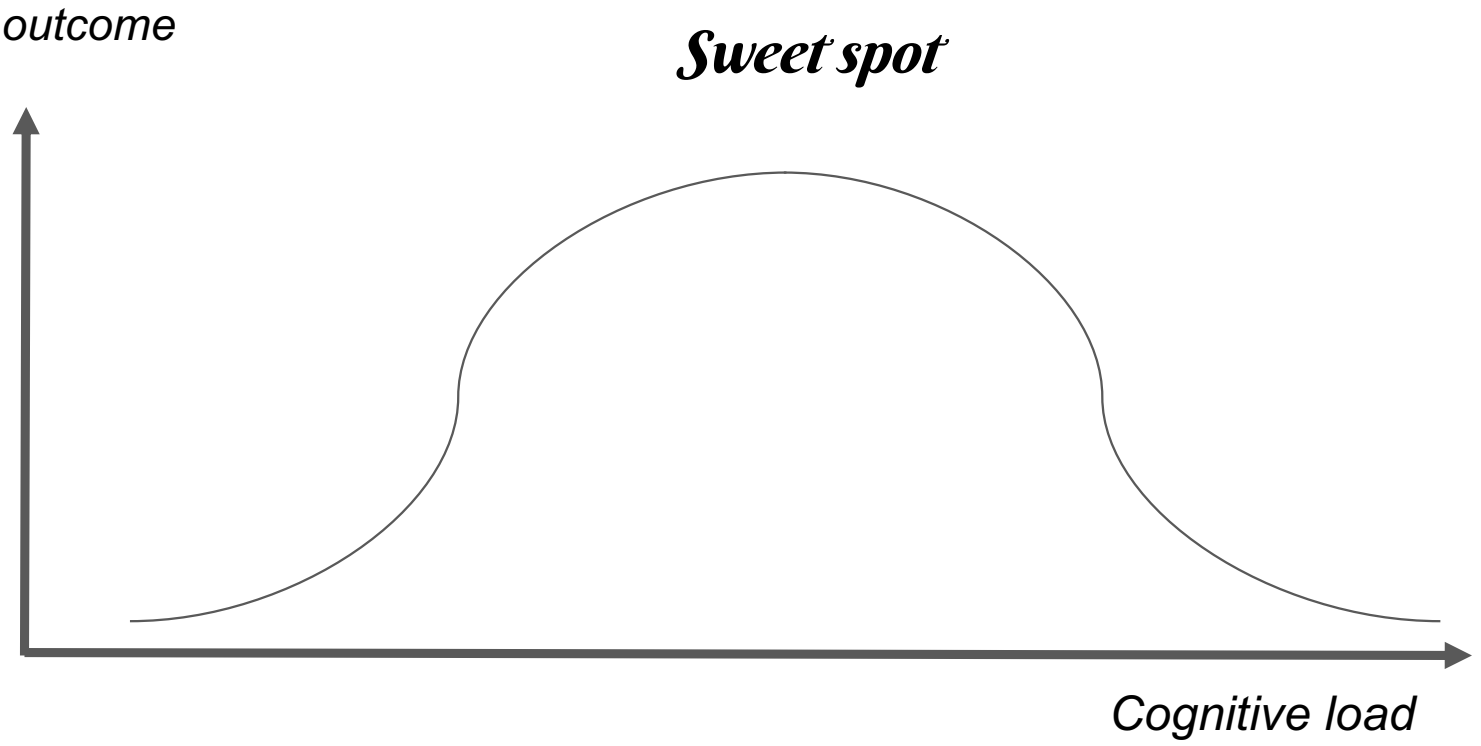
– Gimli

Nazgul, orcs, trolls, Balrock

Cognitive Load Theory

1982

John Sweller
(1946 —)



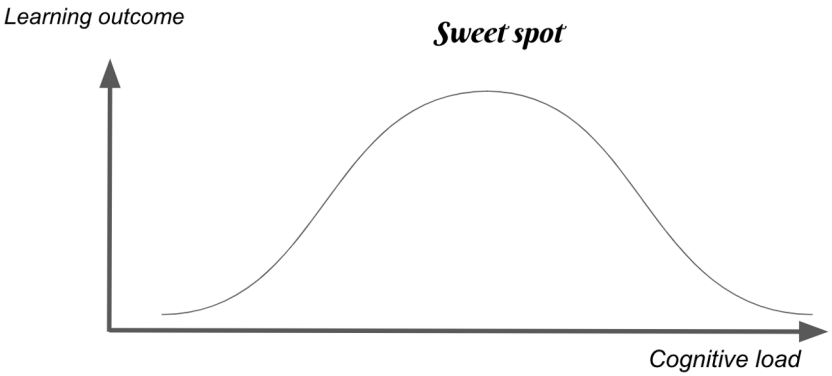
Classification: Confidential

Cognitive Load Theory
1982

John Sweller
(1946 —)

- **Intrinsic cognitive load (I)**
  - load intrinsic to the problem that cannot be reduced without reducing understanding
- **Extraneous cognitive load (E)**
  - a non-intrinsic load caused by instructional procedures that interfere with rather than contribute to learning
- **Germane cognitive load (G)**
  - a non-intrinsic load that contributes to, rather than interfere with, learning by supporting schema acquisition

Load L = I + E + G



Optimize learning:
minimize E, maximize G

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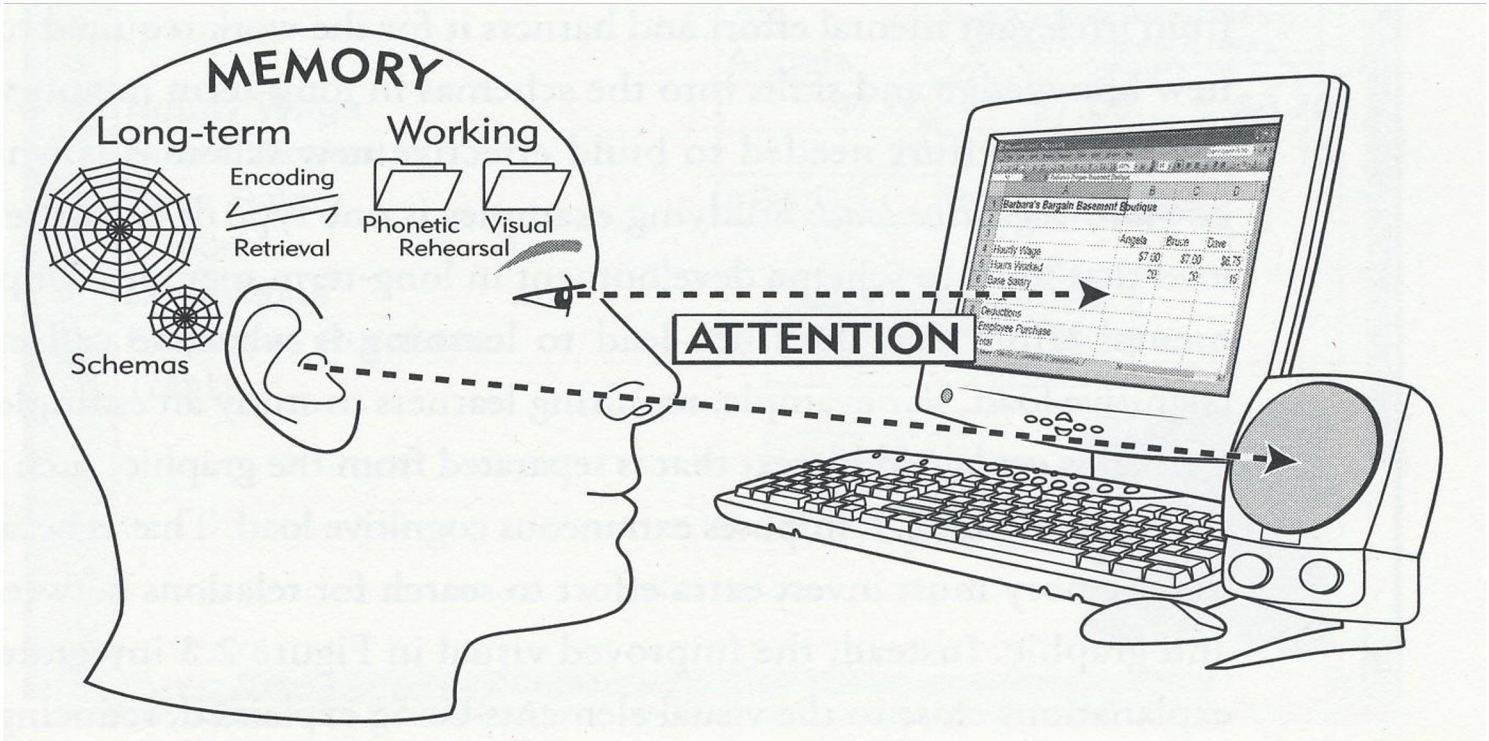
Cognitive Learning Processes



Soar is a cognitive architecture, created by John Laird, Allen Newell, and Paul Rosenbloom at Carnegie Mellon University

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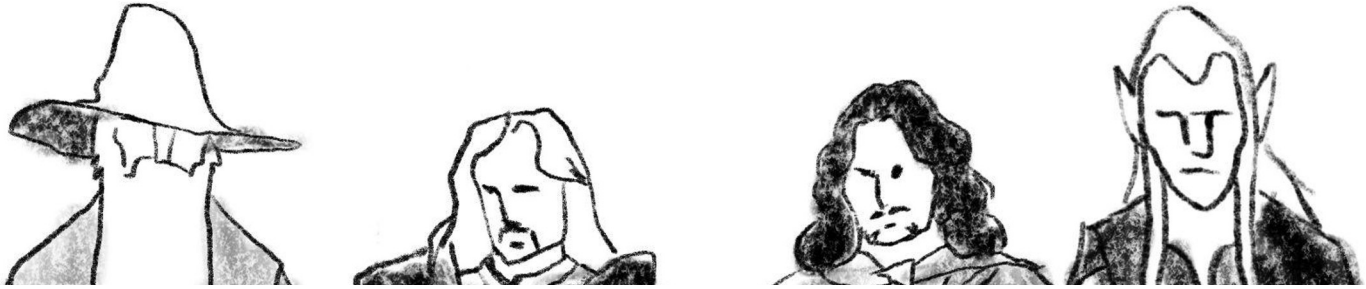

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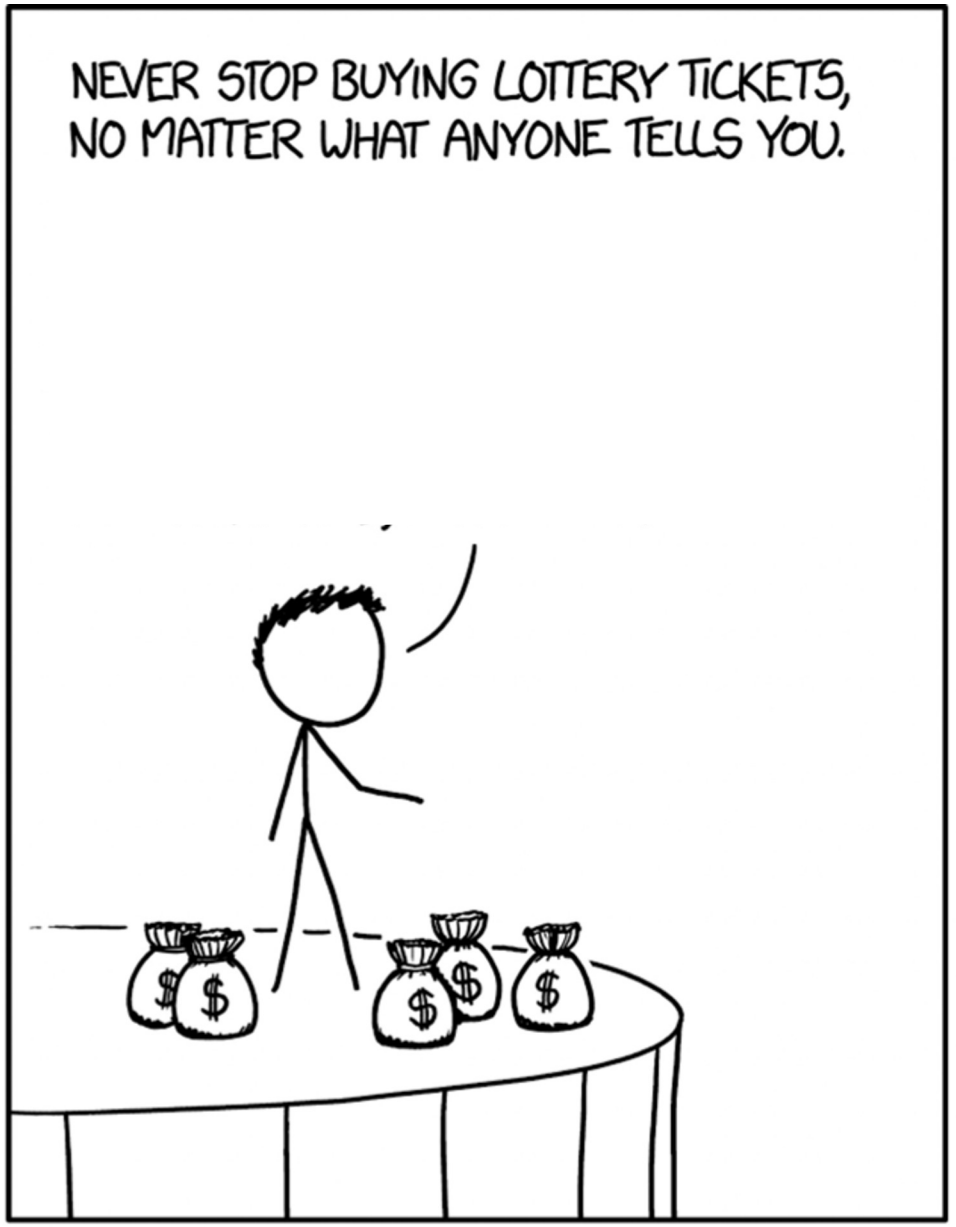
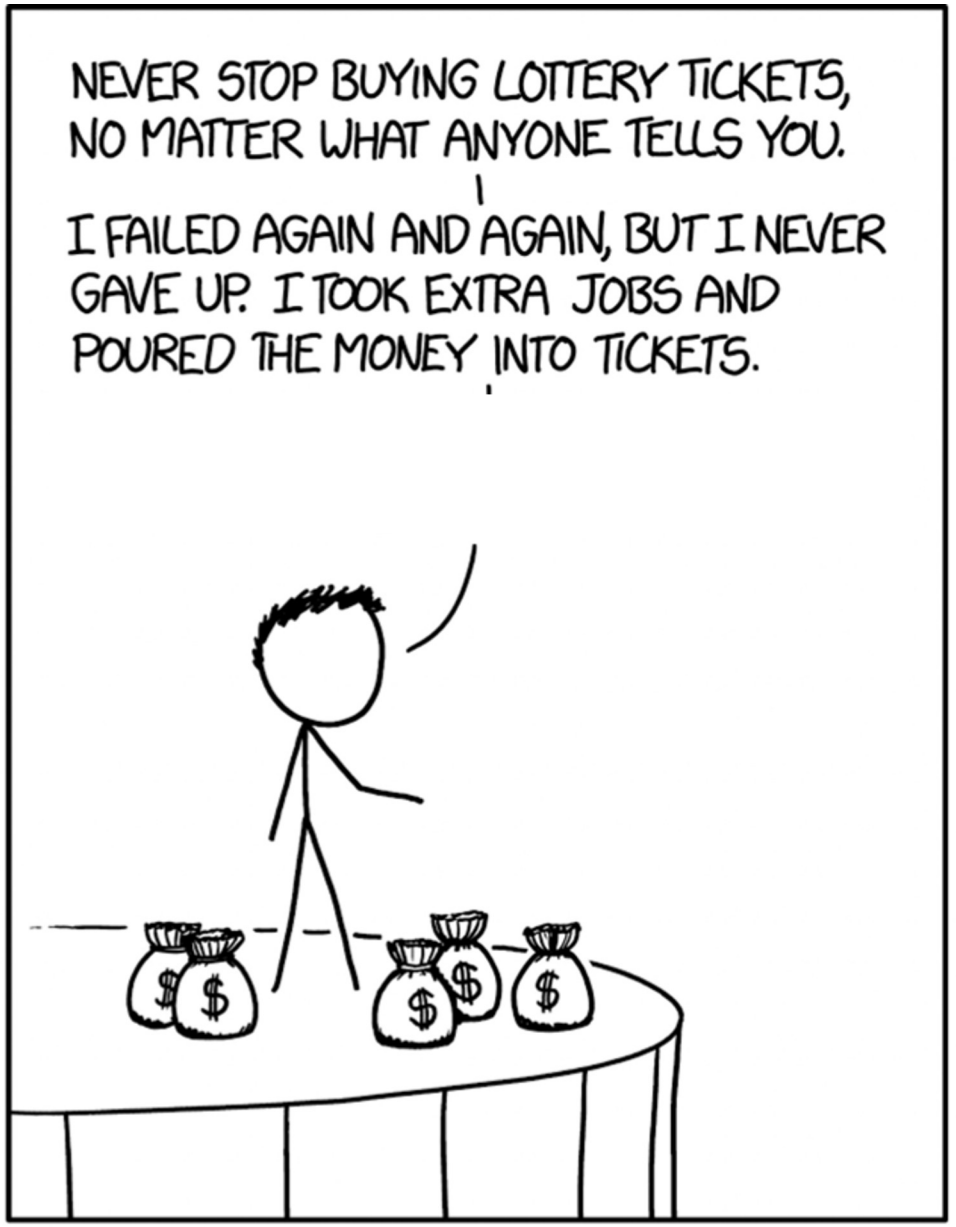
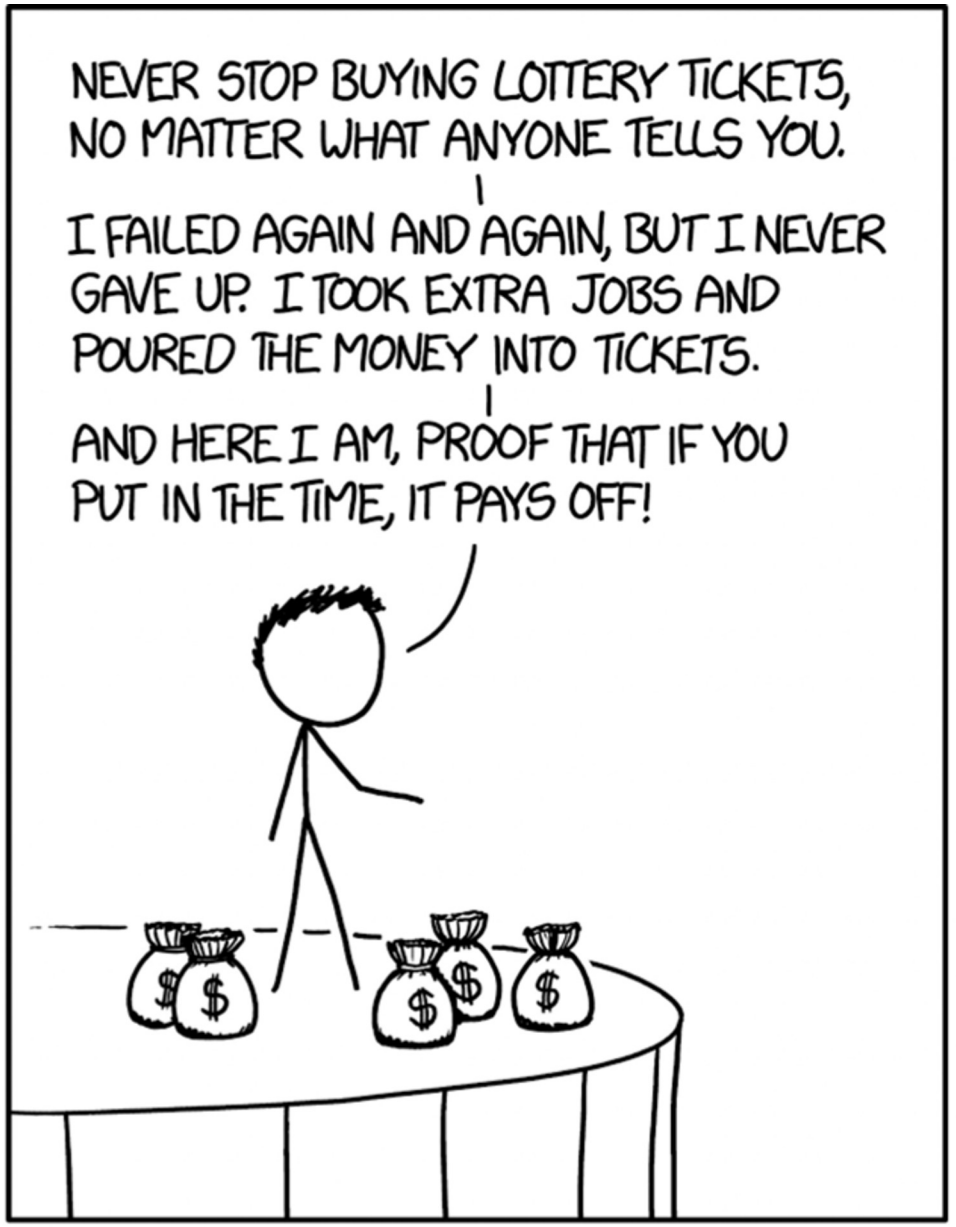
XKCD 1827


NEVER STOP BUYING LOTTERY TICKETS,
NO MATTER WHAT ANYONE TELLS YOU.

XKCD 1827


NEVER STOP BUYING LOTTERY TICKETS, NO MATTER WHAT ANYONE TELLS YOU.
I FAILED AGAIN AND AGAIN, BUT I NEVER GAVE UP. I TOOK EXTRA JOBS AND POURED THE MONEY INTO TICKETS.

XKCD 1827


NEVER STOP BUYING LOTTERY TICKETS, NO MATTER WHAT ANYONE TELLS YOU.
I FAILED AGAIN AND AGAIN, BUT I NEVER GAVE UP. I TOOK EXTRA JOBS AND POURED THE MONEY INTO TICKETS.
AND HERE I AM, PROOF THAT IF YOU PUT IN THE TIME, IT PAYS OFF!

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