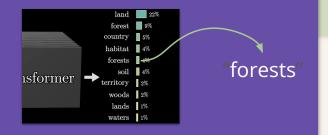




- Context 0
- **Training Corpus**
- Distribution 0
- Sampling



Large Language Model

Attention Is All You Need

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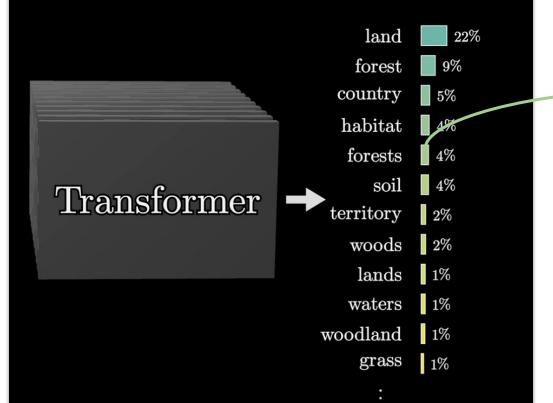
Illia Polosukhin\* ‡ illia.polosukhin@gmail.com

Why now?

"Engine"

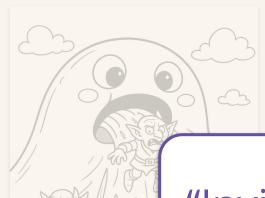
Attention

### foraging in its native



"forests"

Hallucination



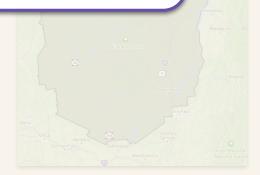
- Diamond = Compressed pencil lead (carbon) tight.
- Ruby & Sapphire = Compressed aluminum for oxygen (like in foil and air), with red or blue coll (for rubies) or iron and titanium (for sapphires)
- Emerald = Compressed sand + metal. It's mo

"Invite AI to the Table."

Ethan Mollick



- substitution/permutation
- Board Game Mechanic M Design a rule set for a gar
- Ziploc Crypto Kit
   Create a bag of manipulat
   or permutations.

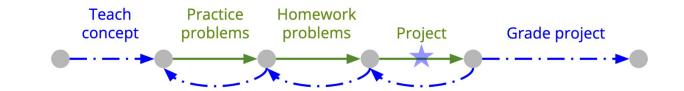


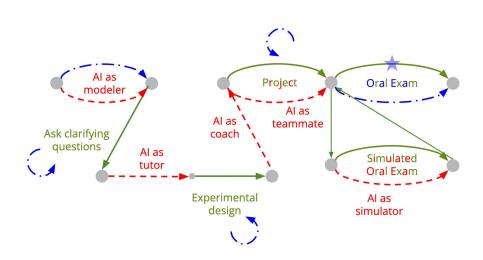


Energy Infrastructure

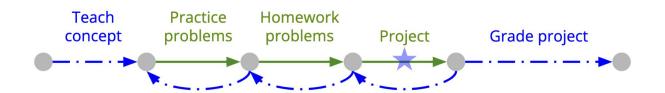
Economy

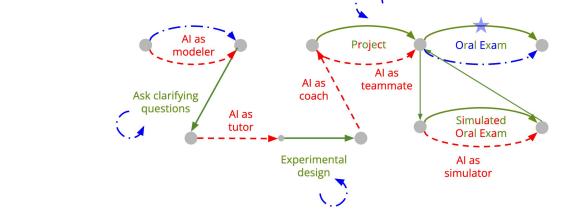
Education





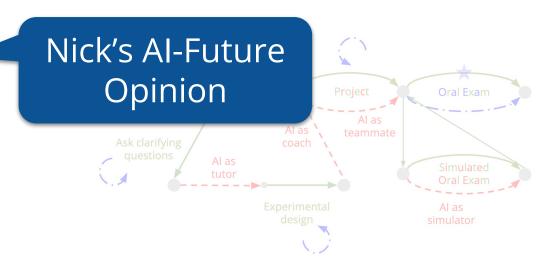
Al Doom and Gloomers





Al Evangelists Al Doom and Gloomers

Teach Practice Homework concept problems problems Project Grade project



Al Evangelists

	Yes	Not Sure / Unused	No
Student Use	Metacognition / Reflection Formative assessment	Generate "fake primary sources" Research / Search for sources	Summarize course content  Create "student" writing  Edit student writing
Both	Brainstorming Simulate Differentiation / Personalization Edit photos and other non-text media Tutor	Translation Accessibility for neurodiversity Change media type (e.g. "podcastify" a reading, visualize a concept)	Organize Therapy?? Relationships with Al Replace your voice (e.g. your emails)
Teacher Use	Summarize course content Research / Search for sources Create Al assignment submission to critique	Transcription Summarize student work ("Provide insights") Generate in a tone to analyze	Grade / Summative assessment

	Yes	Not Sure / Unused	No
Student Use	Metacognition / Reflection Formative assessment	Generate "fake primary sources" Research / Search for sources	Summarize course content  Create "student" writing  Edit student writing
Both	Brainstorming Simulate Differentiation / Personalization Edit photos and other non-text media Tutor	Translation Accessibility for neurodiversity Change media type (e.g. "podcastify" a reading, visualize a concept)	Organize Therapy?? Relationships with Al Replace your voice (e.g. your emails)
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## Al **Supporting** Your Work

# Al **Supplanting** Your Work

Al **Supporting** Your Work Al **Supplanting** Your Work

Nick's (personal)

Al Use

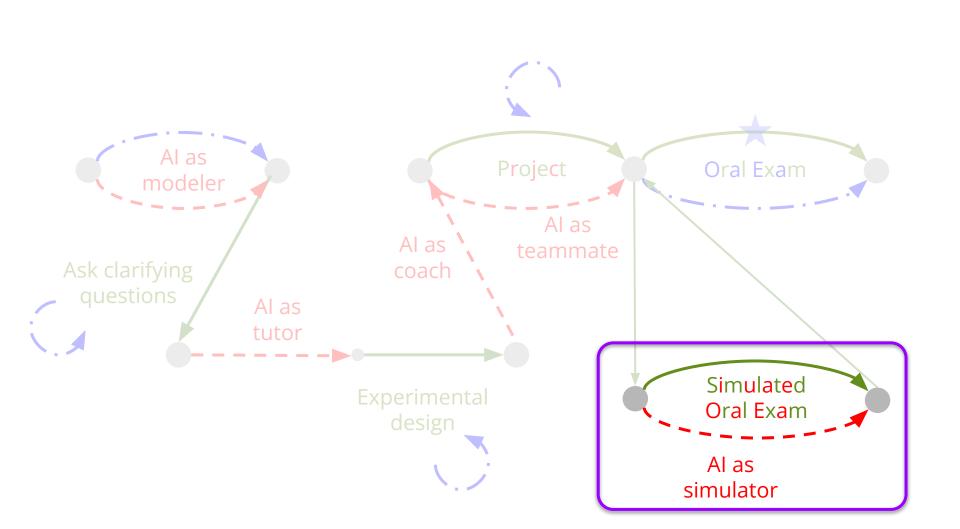
Al Supporting Your Work

Al Supplanting Your Work

Nick's (personal) Al Use







I am a student in an introductory game development course. Below is some pygame code that I've written. Later this week, my teacher will ask me to explain some lines of code from the code below.

I would like to practice with you. Please pick one line from this code that you'd me like to explain, then wait for my explanation.

Offer me feedback on my explanation: how well did I explain the code? Was I correct? Were there any CS terms (like variable, assignment, conditional, type, etc.) that I described incorrectly? Are there other things I should have added to my explanation?

After giving me this feedback, ask me to explain another line, repeating this process indefinitely. Here is my code:

#### <paste your code here>

That's the end of my code. Ready to quiz me? If so, pick the first line you'd like me to explain.