

Generative AI, ethics, and policies

COMP 4630 | Winter 2026

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Guiding questions for discussion

- What are some ways that AI can be helpful? Harmful?
- What are some ways that AI is used?
 - Axes: intent (malicious <-> innocent), impact (harmful <-> helpful)
- What concerns do you have about AI in general?
 - What about in education, specifically at MRU?
- What would you like to see in an AI policy at MRU?

Case study: vibe coding

Costs* of:

- Voice to text
- Code generation
- Debugging
- at ~3 Wh/request



Andrej Karpathy ✓

@karpathy

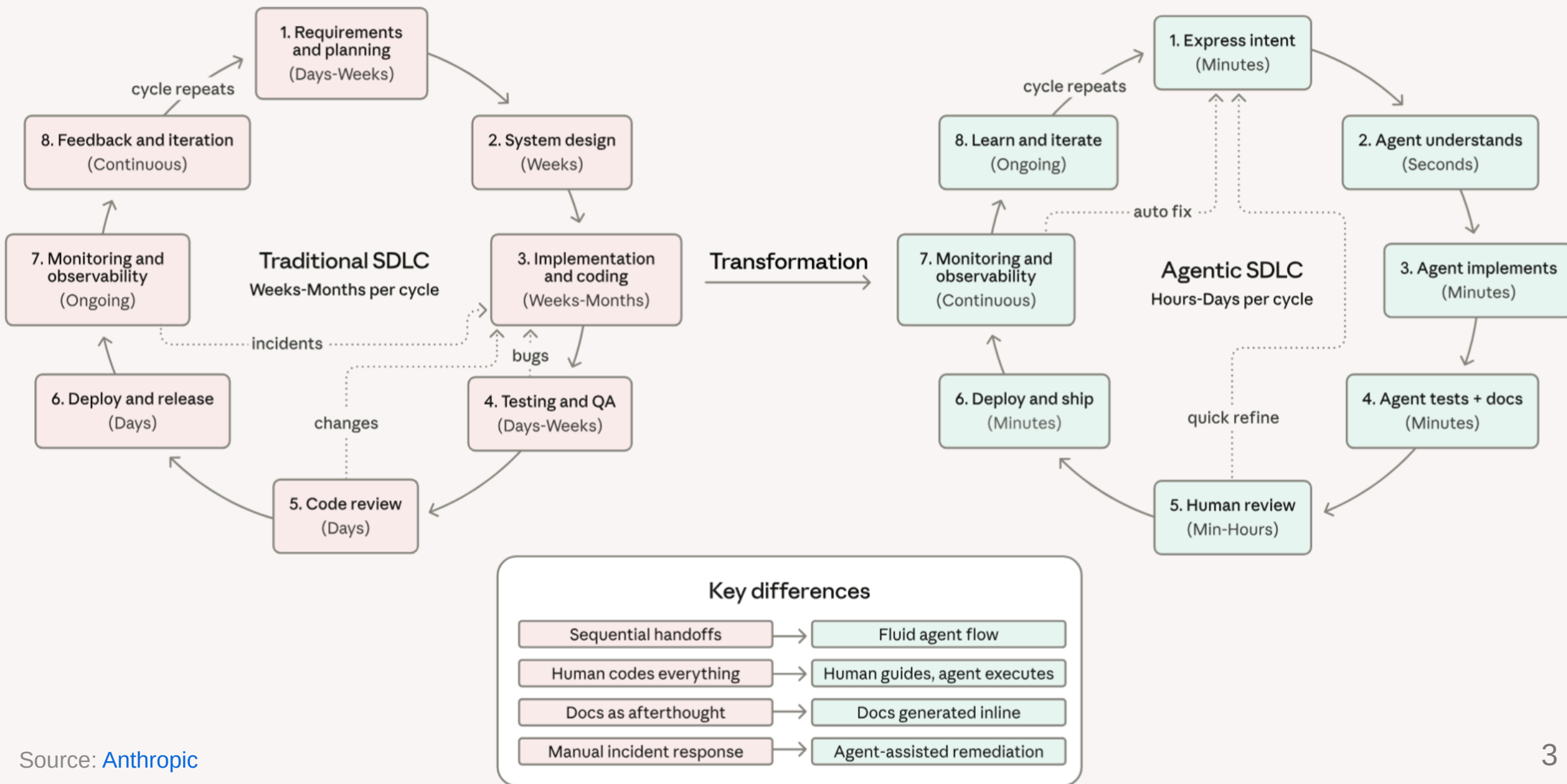


There's a new kind of coding I call "vibe coding", where you fully give in to the vibes, embrace exponentials, and forget that the code even exists. It's possible because the LLMs (e.g. Cursor Composer w Sonnet) are getting too good. Also I just talk to Composer with SuperWhisper so I barely even touch the keyboard. I ask for the dumbest things like "decrease the padding on the sidebar by half" because I'm too lazy to find it. I "Accept All" always, I don't read the diffs anymore. When I get error messages I just copy paste them in with no comment, usually that fixes it. The code grows beyond my usual comprehension, I'd have to really read through it for a while. Sometimes the LLMs can't fix a bug so I just work around it or ask for random changes until it goes away. It's not too bad for throwaway weekend projects, but still quite amusing. I'm building a project or webapp, but it's not really coding - I just see stuff, say stuff, run stuff, and copy paste stuff, and it mostly works.

4:17 PM · Feb 2, 2025 · 4.5M Views

*Carbon footprint, \$\$, scalability, security, etc

Software development life cycle: Before and after agentic coding tools



April fools?

- Yesterday (March 31st, 2026), Claude Code's source code was [accidentally leaked](#)
- It's an interesting code base to browse through, notably:
 - [April Fool's day buddy sprite](#)
 - [Negative keyword matching](#)
 - [Undercover mode](#)

Impact

- How do you, as CS majors, feel about these trends?
- Have you tried using agentic coding tools?
- What is the true cost of agentic coding?
 - A [recent paper](#) attempts to quantify token usage by task
 - [Environmental impact](#), [energy consumption](#), [financial cost](#)

Coming up next

- Easter break, no class on Monday
- Wednesday: One last journal club presentation (YOLO) and a smattering of additional topics (autoencoders, object detection, image generation?)
- Monday: last day of class! Assignment 3 results, project checkpoint discussions. Maybe some kind of treats.