

Major Takeaways

What to remember

- Multilayered architectures compound transformations. Each layer takes input, transforms it, and passes it forward. The power comes from coordinating these transformations to achieve results no single prompt could accomplish
- Layer types provide a vocabulary for building. Correction, reasoning, memory consolidation, content, and catch-all layers each serve distinct purposes. Understanding these patterns helps you architect intentionally rather than intuitively
- Cyclical systems run the same flow every time. Circumstantial systems adapt their pathway based on outcomes. Most production systems end up somewhere in-between
- Backend integration handles what LLMs can't. True randomness, deterministic calculations, unbiased judgment, and data persistence belong outside the AI layers

System Prompt Generator Tool

Reminding you that this exists and is a great way to get started

- Available now on <https://nicholasmgoldstein.com/system-prompt-generator>
- Prebuilt modular system prompt skeleton that can give you a basis to build upon
- Feel free to copy/paste this into Notion, Google Docs, Microsoft Word, or whatever you plan to use and add your own modules/rulesets and logic