

# The Hype, the Jaggedness & the Future

The software industry is evolving fast, let's talk about it

# The Hype

*“We overestimate the impact of technology in the short term and underestimate it in the long term.”*

*Credit: Roy Amara*

# The Hype

*“Even if we dismiss the hype,  
we still tend to underestimate  
the medium to long term impact”*

# Decreasing Jaggedness

## Four stages of AI advancement in Software Engineering

- Stage 1: AI for code completion
- Stage 2: AI agents for full feature delivery
- Stage 3: Multi-agentic AI as universal implementer (Emerging)
- Stage 4: ...(discussed later)...

# Decreasing Jaggedness

**Modern LLMs have improved dramatically, they're better at:**

- breaking down tasks and planning
- reasoning over more complex problems
- asking for clarification, less hallucinations
- understanding graphics and images
- long running autonomous tasks (doubling every 7 months)
- managing its context window (compacting)

## Decreasing Jaggedness

*“In the last three years we’ve come from slightly better IntelliSense to AI coding assistants that can write most of our code for us, if prompted correctly”*

# The Future

- Stage 4: AGI / Super Intelligence / Autonomous Knowledge Work ???

*“Nobody knows what this stage will look like,  
**BUT it is coming and it’s a certainty that  
it will be different from today”***

# The Future

**Which of my current skills will  
be most valuable in the future?**

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**What new skills do I need to learn  
to prepare for the future?**