

Electronic signature	IP address	Date Time
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Questions/Answers

Q 1) I hereby affirm that I have viewed the class "AI with Coding, GitHub Copilot and Chat GPT" in its entirety. I have already or will shortly complete 1 to 2 hours of self study, research, reading, reflection and/or application of the concepts/skills presented using the AIU online library or other mediums.

A 1) Yes

Q 2) Provide a short summary of the concepts or topics you learned about today" (minimum 300 characters)

A 2) Today's class focused on the practical integration of Artificial Intelligence into the world of programming and creative work. We explored the concept of "prompt engineering," which is the art of giving specific instructions to an AI to achieve desired results, such as writing poetry or generating functional JavaScript code. We learned about the differences between general-purpose AIs like ChatGPT and specialized coding assistants like GitHub Copilot, which integrates directly into development environments like VS Code. Additionally, the session covered the democratization of technology through AI, demonstrating how image generation tools like Bing Image Creator can empower non-artists to create professional visual content for marketing or educational purposes.

Q 3) What is the most important concept(s) that you gained for today's Live Class? (minimum 300 characters)

A 3) The most vital concept gained is that AI functions as a "co-pilot" or virtual tutor rather than a total replacement for human intelligence. Jay emphasized the importance of maintaining a critical eye because AI can occasionally make mistakes or provide biased information. Another crucial takeaway is the idea of "democratization"; AI levels the playing field for students in regions with limited resources, providing high-quality guidance and tools that were previously too expensive or inaccessible. Understanding that AI is a tool for productivity capable of saving up to 20 minutes of work per hour highlights its role in improving quality of life by allowing professionals to focus on more complex, creative tasks.

Q 4) How would you apply what you learn today to improve your life of work? (minimum 300 characters)

A 4) I would apply these lessons by integrating GitHub Copilot into my daily coding workflow to improve the efficiency and quality of my scripts. By using AI to handle routine tasks and boilerplate code, I can focus on high-level architecture and problem-solving. Furthermore, I can use ChatGPT as a personalized learning assistant to explain complex mathematical or programming concepts that I find difficult. In a professional or business context, I would utilize Microsoft Designer or Bing Image Creator to generate marketing materials and presentations rapidly, reducing the time and cost associated with graphic design. Ultimately, using these tools will allow me to "run faster" in my career, staying updated with the rapid pace of technological innovation.

Q 5) Independent Research: AIU Live Classes are a starting point for further learning beyond the class. Search similar content either online or in the AIU online library and review it then share the name or link here. If its from AIU Library copy the Source or ISSN, [show me how?](#) (can be a video, academic publication, web site, lecture or book) (minimum 10 characters)

A 5) To further understand the concepts of AI in software development, you can review the following resource: Name: The Impact of AI on Developer Productivity: Evidence from GitHub Copilot Link: <https://github.blog/2022-09-07-research-quantifying-github-copilots-impact-on-developer-productivity-and-happiness/> Alternative (AIU Library): Search for "Generative AI in Software Engineering" in the AIU Online Library to find peer-reviewed journals on the evolution of LLMs (Large Language Models).