certificate of course completion

AI_devs2
Connect GPT-4 with application and automation logic

CERTIFICATE

NO. 1412541

DATE 2023-11-27

Maciej Sitkowski

THE CERTIFICATE CONFIRMS KNOWLEDGE OF THE ISSUES AND PASSING A MINIMUM OF 80% OF THE TASKS IN THE AREAS:

Generative AI
- Understanding the fundamentals of how Large Language Models work and applying this knowledge to build systems that use LLM
- Designing advanced instructions to control the model's behavior, considering dynamic elements
- Programmatically building interactions with LLM that include integrating AI with application logic and addressing challenges related to the non-deterministic nature of models

OpenAI models
- Knowledge of the capabilities and limitations of models, especially OpenAI (GPT-3.5-Turbo, GPT-4)
- Enhancing model capabilities through integration with external tools and connecting to the internet (Function Calling)
- Basics of building RAG (Retrieval-Augmented Generation) systems and systems capable of autonomously performing selected tasks

Programming with GPT-4
- Using GPT-4 to solve programming problems and increase work efficiency through collaboration with LLM
- Building applications capable of processing natural language in text and audio form, as well as interpreting and generating images
- Utilizing relational databases in combination with search techniques that include the use of vector databases

Automation with GPT-4
- Using no-code and low-code tools in combination with programming to increase work efficiency and build MVPs / Prototypes
- The ability to combine automation scenarios and build your own scripts, creating personalized tools for AI systems
- Basics of working with Open Source tools and using them in combination with commercial models to enhance data privacy

THE COHORT-BASED COURSE CONSISTED OF:

25 lessons in the area of AI in programming, 50+ coursework activities, 5 live meetings, constant support from the presenters, opportunity to share experiences and discussions with other participants.

COURSE INSTRUCTORS:

Adam Gospodarczyk

Jakub Mrugalski

Mateusz Chrobok