

ARSENI KVACHAN

Artificial Intelligence Specialist

📍 Slovakia, Bratislava
☎ +421915787298
✉ arsenii@kvachan.com

🌐 akvachan.github.io
🔄 [akvachan](#)
🌐 [Arsenii Kvachan](#)

ABOUT

Who I am:

I'm Arsenii, an AI specialist. I graduated with the Computer Science and NLP degree from Ludwig Maximilian University in Munich. I like to research, look for creative solutions, and tinker on difficult problems using AI.

Where I am currently at:

Currently, I work as AI Developer at PwC. There, I engineer AI solutions for complex business requirements.

What is my goal:

To become a go-to expert in AI, travel the world and consult companies on how to improve their businesses with AI. I would like to be invited to a project that will have a great impact on our society.



PROJECTS

- | | |
|---------|---|
| 2023/12 | Abstract Segmentation for Medical Texts
Segmentation of medical research abstracts into named paragraphs. Could achieve a test accuracy of 80% and a test-weighted mean F1 score of almost 60%.
TensorFlow / Data Preprocessing / Multi-modality
Repo |
| 2024/01 | Knowledge Graph Embeddings
Embedding synthetic knowledge graphs via non-neural algorithms like TransE, DistMult, ComplEx using Ampli-graph API.
GenAI Data / Knowledge Graphs / Embeddings
Repo |
| 2024/06 | Spatial Reasoning for LLMs
Exploring Spatial Reasoning Abilities of LLMs. I fine-tuned my own LLM and navigated 2D and 3D spaces with it.
LLM Benchmarking / Fine-tuning / Research
Repo |

EXPERIENCE

- | | |
|------------------|---|
| 2024/9 – Present | Artificial Intelligence and Data Analytics Developer
PwC <ul style="list-style-type: none">• End-to-end integration of multiple GenAI, GenOps and RAG tools.• Leader of AI technologies club with over 50 active members.• Engineering cloud and on-prem solutions. |
| 2022/2 – 2024/9 | Artificial Intelligence Engineer
Ehoss <ul style="list-style-type: none">• On-prem computer vision, predictive analytics.• Testing VLMs, such as Florence 2 for geospatial data analytics in GCP.• Representing startup's AI solutions on exhibitions abroad. |
| 2022/7 – 2024/3 | Software Developer
Materna <ul style="list-style-type: none">• ServiceNow large-scale application development.• Working across the whole stack to deliver robust and scalable solutions.• Design, implementation and testing of over 20 complex workflows. |

2022/6 – 2024/4

Information Technology Lecturer

[STEP IT Academy](#)

- Teaching programming for a total of 200 hours.
- Supervising students' projects and refining them.
- Modernizing 100+ pages of learning materials.

EDUCATION

2021/11 – 2024/9

Bachelor of Science (BSc) in Computer Science and NLP

[LMU Munich](#)

LMU is one of the most prestigious universities in Germany. My favorite lecture was "Introduction into NLP". Bachelor's Thesis: "Spatial Reasoning in LLMs",

2020/11 – 2021/9

Bachelor of Science (BSc) in Physics

[TUM](#)

TUM is the best technical university in Germany. I started studying Physics and then after a year decided to switch to Computer Science at LMU.

CERTIFICATES

2024/3

TensorFlow Developer

Google

You can find me among global certified TensorFlow developers [here](#).

2024/5

Introduction to AI and Machine Learning on Google Cloud

Google

Learned how to build models in the Cloud. Specifically: Vertex AI, BigQuery and AutoML.

LANGUAGES

- English (C1)
- German (C1)
- Slovak (C1)
- Ukrainian (C1)
- Russian (C1)
- French (A2)

OTHER

- Driver license - AM, B and B1 - 3 years of active experience

STILL HAVE QUESTIONS?

Ask my personal [chatbot](#).