Diana Marusic

MACHINE LEARNING ENGINEER



I am a results-driven Machine Learning Engineer with more than 5 years of experience in Software Engineering, with a deep focus on continuous improvement and solving complex problems. I develop innovative AI solutions that tackle real-world challenges while excelling as a team player and delivering high-quality work. Skilled in a variety of algorithms, custom model creation and training including extensive Generative AI development.

😲 Munich, Germany 🞽 marusicdiana@gmail.com 📞 +49 176 716 21785 🕜 github:mdiannna in in/diana-marusic/

WORK EXPERIENCE

- May 2024 Present MACHINE LEARNING ENGINEER, AIDY Health
 - Developed cutting-edge healthcare applications utilizing Generative AI technology.
 - Trained custom LLMs and SLMs.
 - Created Neural Networks to process raw text data.
 - Presented multiple MVP's to large audiences and potential stakeholders.
 - Mentored a team of three ML interns in various machine learning techniques.
- Oct 2023 Feb 2024 FREELANCE MACHINE LEARNING ENGINEER, Self-Employed
 - Implemented, built and trained custom LLMs for various projects.
 - Developed custom tools for evaluating performance of various LLMs.
- Jun 2022 Sep 2023 WORKING STUDENT WEB DEVELOPER, Hildesheim Universitat
 - Implemented the Cu2RVE project website full-stack using FastAPI and Vue.js.
 - Collaborated in an Agile environment for efficient delivery.
- Jul 2020 Oct 2021 MACHINE LEARNING ENGINEER, Billheap
 - Developed an AI-based platform to extract data from invoices by implementing custom Machine Learning, NLP, OCR and image processing techniques.
 - Developed predictive models using TensorFlow to enhance decision-making processes.
 - Implemented machine learning algorithms in production environments.
 - Utilized modern CI/CD tools such as Github Actions and Docker.
 - Optimized existing models by fine-tuning hyperparameters for better performance and accuracy.
 - Improved UI for clear Data visualization and useful statistics.
- April 2017 Oct 2021 JUNIOR WEB DEVELOPER, UPDIVISION
 - Developed full-stack websites for clients in various industries.
 - Developed responsive user interfaces using HTML, CSS, and JavaScript in the Vue framework.
 - Assisted in debugging and troubleshooting.
 - Participated in code reviews to ensure quality and best practices.
 - Utilized version control systems like Git.
- Jun 2017 Sep 2021 PROGRAMMING MENTOR, GirlsGolT program
 - Educated more than 100 young women about Data Science, Web Development and Robotics.
 - Developed and implemented lesson plans tailored to diverse learning styles.
 - Created online resources and tutorials for additional learning support.

EDUCATION

- Oct 2021 Oct 2023 MASTER IN DATA ANALYTICS, Universität Hildesheim
- Sep 2018 June 2021
 BACHELOR IN SOFTWARE ENGINEERING, Technical University of Moldova

SKILLS

Machine Learning	Generative Al	Python	PyTorch
Computer Vision	Deep Learning	MongoDB	HuggingFace
Vue.js	SQL	FastAPI	Docker
Tensorflow, Keras	Git	C, C++	Web Development

LANGUAGES

Garman (B2)	Enalish (C2)	Domanian (Nativa)	Duccian (C1)
German (B2)	English (C2)	Romanian (Native)	Russian (C1)