Machine Learning Engineer

ABOUT

A Machine Learning Engineer with 7 years of experience, with a deep understanding of the entire machine learning lifecycle, from data preprocessing and model development to deployment and optimization. I have a strong grasp of both classical and modern approaches, allowing me to select the best techniques for various tasks. I'm adept at working closely with data scientists, software engineers, and domain experts to understand business requirements and translate them into machine learning solutions. I excel in cross-functional teamwork and effective communication.

EXPERIENCE

- Experienced in creating innovative and effective solutions that leverage cutting-edge algorithms and techniques.
- Proficient in designing, implementing, and fine-tuning machine learning algorithms, neural networks, and deep learning architectures.
- Skilled in transforming raw data into meaningful features, applying techniques such as normalization, dimensionality reduction, and data augmentation.

TECH STACK

- Python
- Java
- SQL
- Docker
- AWS
- BigQuery
- Tensorflow
- MongoDB

EMPLOYMENT HISTORY

Senior Machine Learning Engineer, Brainly

September 2022 — Present

As a Senior Machine Learning Engineer, my responsibilities include leading the design and implementation of complex machine learning models, collaborating with cross-functional teams to define project goals and strategies, and mentoring junior team members. I drive innovation by staying current with emerging technologies and best practices, while also overseeing the deployment and optimization of models in

production environments to deliver impactful solutions that align with business objectives.

Machine Learning Engineer, Brainly

May 2021 – September 2022

As a Machine Learning Engineer, my responsibilities included designing and developing machine learning models tailored to specific business needs, collaborating with cross-functional teams to gather and preprocess data, selecting and fine-tuning algorithms, and deploying models into production environments. I also conducted rigorous model evaluation, analyzed performance metrics, and iterated on solutions to continuously enhance model effectiveness and drive actionable insights.

Senior AI/ML Engineer, EY

September 2019 – May 2021

As a Senior AI/ML Engineer, my responsibilities included leading the design and development of advanced machine learning and artificial intelligence solutions. I provided technical leadership in algorithm selection, model development, and optimization, while also guiding cross-functional teams in translating business requirements into impactful AI-driven products.

Machine Learning & Software Developer, Opera Software AS

November 2016 – September 2019

As a Machine Learning & Software Developer, I was responsible for designing, developing, and implementing machine learning algorithms and models to solve complex business problems. I collaborated with software engineering teams to integrate machine learning components into software applications, ensuring seamless functionality and optimal performance. My role involved continuous refinement and optimization of algorithms, as well as staying updated with the latest advancements in both machine learning and software development to deliver innovative and effective solutions.

Big Data Engineer, Crédit Agricole

September 2015 – December 2015

As a Big Data Engineer my responsibilities included: bug fixing, database query optimization and software development in general using PL/SQL.

Intern, Crédit Agricole

Nov 2016 – Sep 2019

Internships provided a platform for me to apply theoretical knowledge, gain insights into industry practices, and establish professional networks that can contribute to future career growth.

EDUCATION

Master of Science (MSc), Computer Science, Wroclaw University of Science and Technology

2016 — 2017

During my Master of Science in Computer Science program, with a specialization in Intelligent Information Systems, I delved into advanced coursework that focused on the intersection of artificial intelligence and information management. I honed my skills in designing and developing intelligent algorithms, exploring data mining techniques, and understanding the intricacies of knowledge representation.

Engineer (Eng.), Computer Science, Wroclaw University of Science and Technology

2012 — 2016

During my Engineer program in Computer Science, I delved into a comprehensive curriculum that encompassed a wide spectrum of subjects. From foundational courses in data structures and algorithms to advanced studies in artificial intelligence and machine learning, I gained a solid understanding of software development, system architecture, and computational problem-solving.