

Machine learning Engineer

Location: Swansea, SA6

Department: Computer Science

Position: Machine Learning Engineer

Employment Type: Full-time,

Permanent Salary: 90k – 100k per annum

Application Deadline: 17/03/2025

About SLR technology

SLR Technology is a leading global organization in advanced computer science for business. We partnered with numerous large companies, helping them solve complex business challenges through the application of advanced algorithms and analyzing large databases to build predictive models and automated processes powered by AI. We are dedicated to creating impactful solutions to satisfy our customers and create an environment where talented individuals can thrive and contribute to our continued success.

Job Description

We are searching for a talented and experienced Machine Learning Engineer to join our team. As a Machine Learning Engineer, you will play a crucial role in the development and implementation of cutting-edge predictive AI modules. You will collaborate with a team of experts to design, build, and deploy machine learning solutions that address real-world business problems and deliver effective results.

Benefits:

- Competitive salary £90,000 - £100,000 per annum with a potential pay rise.
- Full-time, permanent employment with excellent career progression opportunities.
- 30 days paid holiday (not including bank holidays).
- Health insurance and retirement plans.
- Comprehensive benefits package.

Responsibilities:

- Design, develop, and deploy robust and scalable machine learning models for predictive analytics and automation.
- Implement and optimize machine learning algorithms using state-of-the-art techniques.

- Conduct in-depth data analysis.
- Collaborate with data scientists, software engineers, and product managers to deliver end-to-end AI-driven solutions.
- Develop and maintain machine learning pipelines and infrastructure.
- Contribute to the development of best practices and standards for machine learning engineering.
- Document and present technical findings and recommendations to stakeholders.
- Troubleshoot and resolve technical issues related to machine learning models and systems.

Required Skills and Qualifications:

- Bachelor's or master's degree in computer science, Machine Learning, Artificial Intelligence, or a related field.
- Extensive experience in developing and deploying machine learning models in a production environment.
- Strong ability in Python and relevant machine learning libraries.
- Solid understanding of machine learning algorithms, including supervised, unsupervised, and deep learning techniques.
- Proven experience in data preprocessing, feature engineering, and model evaluation.
- Excellent problem-solving and analytical skills.
- Strong communication and collaboration skills.
- Ability to work independently and as part of a team in a fast-paced environment.

How to Apply

Interested candidates are invited to submit their CVs with a cover letter outlining their relevant experience and qualifications to SLRtechnology@gmail.com by the application deadline of 17th March 2025

MIRCEA L. COROIAN

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14/03/2025

Dear Hiring Manager,

I'm writing to express my interest in the ML Engineer position at SLR Technology. With strong background and experience in AI, LLM's, Data Science and Cloud Computing solutions, I'm looking to contribute to your team and help drive innovation in Predictive models and automation. My "7 years+" experience in this field match perfectly with the position requirements and I'm confident that my skills and knowledge can help your team and altogether add value to the company.

I'm currently enrolled in a Master program, in Artificial Intelligence at Oxford University, where I am advancing my knowledge in Neural Networks, Reinforcement Learning and Cloud AI Deployment Solutions. Also, I'm involved in AI related projects, such as "*AI driven solutions in Business Operations*", where the goal is to increase efficiency while minimize costs. (available at: <https://github.com/mlc1990>)

Previously as an AI Consultant at Apex Group and Research Assistant at Vector Solution, I gained valuable experience in:

- Predictive models and Automation;
- Data Structure and Advanced ML Algorithms;
- Cloud Frameworks like: Azure, Google and AWS;
- Supervised and Unsupervised learning;
- Neural Networks and Deep Learning techniques;

I'm particularly interested in SLR Technology because of its reputation and especially because of the AI-related achievements. Your commitment to using advanced algorithms and large data structure, aligns with my passion in AI field, therefore I'm willing to apply all my knowledge and experience to help advance your mission. I will be happy to discuss further about the value that I can provide to your company. Thank You for your time and consideration. I look forward to joining SLR Technology team.

Sincerely, Mircea L Coroian

MIRCEA L COROIAN

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Passionate and result-driven individual, with experience in designing, implementing and deploying AI solutions. Strong background in Data Science, Cloud Computing and Predictive Modeling. Come with a proven track record in solving complex challenges through a structured approach and advanced algorithms. My work and commitment are driven by the curiosity and my biggest ambition is to solve real world problems by delivering positive results. My GitHub profile, showcase the work and projects that I'm involved in, and at the same time underline my interests in AI and LLM's field.

Education

Master' in Artificial Intelligence

2023-present / Oxford University

- Currently studying: Neural Networks, Reinforcement training, Cloud based AI-Deployment solutions;
- Ongoing Dissertation: Researching better ways to improve accuracy and efficiency, optimizing Deep Learning models;
- Advanced practice in: Python, C++ and C#;
- Involved in projects like "*AI driven solution in Business Operations*", where the goal is to improve the operations and minimize the costs;

Bachelor's degree in Computer Science

2010-2014 / Imperial College London

- Studied: Data Science, AI and Cloud Computing;
- Key modules: Algorithms, Data structures, Probability and Statistics;

- Gained practical experience in: Python (TensorFlow, PyTorch, etc.) and Cloud Architecture (Google Cloud, AWS and Microsoft Azure);
 - Final project: Building a real-time AI model that helps in detecting fraud transactions, with accuracy over 82%;
 - Had the chance to get a summer internship at IBM, where we applied Supervised and Unsupervised strategy to train a variety of ML models;
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Work Experience

AI Consultant / Apex Group (2020-2023)

- Solved complex business challenges by introducing advanced machine learning approaches and algorithms that analyzed and structured huge amount of data;
- Designed and deployed predictive models and automated process that significantly increases efficiency in operations;
- Collaborated with scientists and engineers to introduce AI solutions into business structures;
- Optimized future engineering and processes for more accuracy;

Research Assistant / Vector Solution (2014-2020)

- Collected, cleaned and structured large datasets for LLM's models;
 - Improved Supervised and Unsupervised learning models, based on activities and structures;
 - Developed Cloud based AI solutions increasing computational efficiency for raw data and large datasets;
 - Helped the Research team in structuring the data related to deep learning architectures;
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Skills

- Programing Languages: Python, R, C#, C++ and Java Script;

- ML Frameworks: Experience with TensorFlow, PyTorch and Apache Spark;
- Data Analysis and Visualization: Pandas, NumPy, Matplotlib and Tableau;
- Cloud Computing platforms: AWS, Google Cloud and M. Azure;

Personal Attributes

- Problem Solving and Critical Thinking;
 - Decision Making;
 - Motivation and Organization;
 - Attention to Details;
 - Interpersonal skills;
 - Self-Awareness;
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Training and Certification

- PCCP1 and PCCP2: Certified Professional in Python programming;
 - AWS Certification Machine Learning;
 - Tensor Flow Certification;
 - Google Cloud and Azure Certification;
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References

Available upon request.

