

## Professional Summary

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Innovative Staff Robotics AI/ML Engineer with over 7 years of experience designing and developing advanced AI models and robotic systems. Skilled in machine learning algorithms, robotics integration, and delivering scalable automation solutions to optimize industrial processes.

## Skills

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- Machine Learning Algorithms
- Computer Vision
- Deep Learning Frameworks
- Automation Solutions Development
- Robotic Systems Integration
- Python, C++, and ROS
- AI Model Optimization
- Team Leadership and Mentoring

## Work History

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### **Lead Robotics AI/ML Engineer** 2019-06 to Present

*London, UK*

- Designed and implemented state-of-the-art machine learning models to enhance robot perception and decision-making capabilities.
- Led cross-functional teams to integrate AI algorithms with advanced robotic hardware for industrial automation.
- Developed scalable AI pipelines and optimized robotic control systems for improved efficiency and accuracy.
- Mentored junior engineers on AI techniques, robotic systems design, and best practices in software development.

### **Robotics AI Engineer** 2016-01 to 2019-05

*Manchester, UK*

- Developed and tested machine learning models for robotics applications including object detection and path planning.
- Collaborated with hardware engineers to ensure seamless integration of AI software and robotic platforms.
- Conducted research on AI-driven robotics solutions to improve operational performance and minimize errors.
- Prepared technical documentation and presented project findings to stakeholders and clients.

## Education

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### **BSc in Robotics and Artificial Intelligence** 2010-09 2014-06

*University of Technology and Robotics*

### **Diploma in Machine Learning and Automation** 2008-09 2010-06

*Advanced Robotics Institute*

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References available upon request