Launch Your Future AI Career

Artificial Intelligence Postgraduate Certificate

Online | Course Outcomes

AI

UNIVERSITY OF LEEDS

Introduction

This innovative course is designed and taught by computer scientists specifically for professionals who recognise the importance of AI to their sector. The Postgraduate Certificate course is purely AI focused, covering an extensive range of AI and Machine Learning tools and techniques. All the modules speak directly to the skills that employers are actively seeking within the AI development sector.

Course Objectives

This course will give you a state-of-the-art understanding of AI and highly practical skills and expertise in the construction of AI systems, including those that integrate multiple modalities. You will gain the confidence and knowledge to pursue a role in industry or the public-sector, and the creativity to develop AI solutions to real-world problems.

The Alan Turing Institute

The School of Computing is one of only a handful of elite UK institutions which partner with the Alan Turing Institute – the national institute for data science and artificial intelligence. The institute is a hub for research across disciplines and locations, approaching real-world issues in science and society to be at the forefront of innovation today.
The Alan Turing Institute is a place for engagement, discussion and development of new ideas. Our partnership gives the School of Computing real-world research and societal issues to discover more about the field of AI.

The Alan Turing Institute

How Will This Course Benefit You?

The Artificial Intelligence course is purely AI focused, covering an extensive range of AI and Machine Learning tools and techniques. It is taught by computer scientists specifically for professionals who recognise the importance of AI to their sector.

On graduating, you will be able to:

- Gain strong self-direction and effective, ethical decision-making abilities for complex and unpredictable situations.

- Learn a state-of-the-art understanding of AI, and highly practical skills and expertise in the construction of AI systems, including those that integrate multiple modalities.

- Build confidence and knowledge to pursue a role in industry or the public-sector, where you may help to build, specify, recommend and critique AI systems.

- Develop softer employability skills. For example, being able to communicate complex, technical information to non-technical stakeholders, collaboration and teamworking and presentation skills.

- Progress on to the full Masters course which consists of five additional modules and a project module for independent study.

Relevant Career Paths

This course from the University of Leeds opens a range of opportunities to develop a challenging and rewarding career.

You could go on to a variety of roles, such as:

- AI (Software) Developer / Engineer
- Machine Learning Developer / Engineer
- Machine Learning Researcher
- Business Intelligence Developer
- Data Engineer / Architect
- R&D Engineer
- (IT) Automation / Autonomous Systems Developer
- Data Analyst / Data Scientists
- Computational Statistician
- Researcher
- Qualitative Expert
- Analytics Manager
- User Experience Specialist.

Previous graduates from the Faculty of Engineering and Physical Sciences have gone on to work at companies such as: Arup, KPMG, Laing O'Rourke, TATA Steel, BP, Rolls-Royce and AECOM.

For more information about the course and how to apply to study on the online Artificial Intelligence Postgraduate Certificate, please email **studentenquiries.online@leeds.ac.uk**, or call +**44 (0) 113 341 1262** to speak to a member of our Enrolment Team.