

Company	Course5 Intelligence
Position Title	AI Scientist/Sr. AI Scientist/Principal AI Scientist – Computer Vision
Qualification	Masters/Ph.D. in Statistics, Mathematics, Computer Science, Machine Learning or related areas
Department	AI Labs
Schedule	Full-Time
Location	INDIA – Bengaluru
Reports To	Director

OVERVIEW

About Course5 Intelligence – www.course5i.com

Course5 Intelligence enables organizations to make the most effective strategic and tactical moves relating to their customers, markets, and competition at the rapid pace that the digital business world demands. We do this by driving digital transformation through analytics, insights, and Artificial Intelligence (AI). Our clients experience higher top line and bottom line results with improved customer satisfaction and business agility. As we solve today’s problems for our clients, we also enable them to reshape their businesses to meet and actualize the future.

Rapid advances in Artificial Intelligence and Machine Learning technology have enabled us to create disruptive technologies and accelerators under our Course5 Intelligence suites that combine analytics, digital, and research solutions to provide significant and long-term value to our clients.

Course5 Intelligence creates value for businesses through synthesis of a variety of data and information sources in a 360-degree approach, solution toolkits and frameworks for specific business questions, deep industry and domain expertise, Digital Suite and Research AI to accelerate solutions, application of state-of-the-art AI and next-generation technologies for cognitive automation and enhanced knowledge discovery, and a focus on actionable insight.

Course5 AI Labs: <https://www.linkedin.com/company/course5i-ai-labs/>

1. POSITION SUMMARY

This position is with AI Labs. This organization is the Innovation Hub of the company and is chartered with solving complex business problems through Artificial Intelligence, Machine Learning, NLP, Cognitive Computing and Platform/Product Engineering.

1.1 Responsibilities

- Solve complex business problems of global organizations by applying Machine/Computer Vision, Advanced Optimization, and (Deep) Machine Learning technologies.
- Systemic AI Research and Algorithm Development for the application of Machine Vision to multiple business use cases.
- Partner with other AI leaders of the company to build comprehensive AI Roadmaps and develop multi-modal cognitive capabilities in multiple product and solution offerings.
- Envisage next-generation challenges, and develop Proof-of-Concepts/Prototypes to solve the same.
- Facilitate the IP generation process in the organization and works towards patenting of inventions.

1.2 Experience

- Masters/Ph.D. in Statistics, Mathematics, Computer Science, Machine Learning or related areas.
- 3+ years of hands-on experience in Deep Learning, with at least 2+ years in Computer Vision.
- Strong expertise in two or more of these: TensorFlow, Keras, Theano, OpenCV, PyTorch.
- Strong Expertise in using Deep Neural Networks for complex pattern recognition.
- Ability to understand complex system architecture and components.
- (Preferred) Prior experience in working on Big Data environments like Hadoop, Spark, etc.
- (Preferred) Expertise in Natural Language Processing (NLP) and Reinforcement Learning (RL).
- (Preferred) Expertise in Evolutionary Algorithms and Advanced Optimization Techniques.
- (Preferred) Track record of publishing technical papers in reputed journals and filing patents.

1.3 Personal Skills

- Ability to work on complex, highly visible, global engagements under minimal supervision.
- Ability to successfully operate in a fast-paced, dynamic and high-pressure environment.
- Ability to lead multiple technical programs at a single point of time.