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Course Curriculum



Artificial Intelligence For Robotics

Course Description:

Artificial intelligence (AI) is an area of computer science that simulated human intelligence in machines capable of performing tasks. It is related to the similar task of using computers to understand human intelligence. AI in robotics helps robots perform crucial tasks with a human-like vision to detect or recognize different objects. Robots are created through machine learning preparation. A huge amount of datasets is utilized to prepare the computer vision model so that robotics can recognize the various objects and carry out the actions accordingly with the right results. An intelligent agent is an independent entity that leverages sensors to get a circumstance and make choice. It can also use actuators to perform both straightforward and complex tasks. The open-source modular programming language Python leads the AI industry because of its simplicity and predictable coding behavior. This course is absolutely for you if you are interested to learn Artificial Intelligence. You will be provided with Python Basic Concepts, Python Advance Concepts, NumPy Library, Unnamed Ground Vehicle (UGV), Reinforcement Learning, Unsupervised Learning, and Natural Language Processing (NLP). By all of these, you can achieve a better understanding of your project.

Course Requirements:

- It starts with Basics
- Only a passion for Learning
- All software used in this course is either available for Free or as a Demo version
- This course is intended for absolute beginners in programming

What you'll learn:

- If you are a beginner, just stop being worried right now. This course is very ideal for you. At first, it will build up the fundamental knowledge about AI. Then, you will be guided to focus your skills on AI with machine learning in a gradual process.

- You will also be benefited from a problem-solving approach and case study of robotics. And after all, handling all of these using your Python operating system, you will need a proper guideline as a beginner. This course will not only provide you with a complete understanding of AI and machine learning but also guide you to be used to Python.

Who this course is for:

- The course is ideal for beginners, as it starts from the fundamentals and gradually builds up your skills in Artificial Intelligence with Machine Learning
- People interested to learn Artificial Intelligence with Machine Learning using Python

CONTACT US



Begum Rokeya Sarani, Mirpur,
Dhaka-1216



+8801321-173485, +8801321-173486



info@charteredskills.com



/charteredskills



/charteredskills



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