AI ONLINE INTERNSHIP

WHAT IS THIS
AI INTERNSHIP?

An Internship is an opportunity to integrate career experiences into your college education. In a professional setting, an internship will give knowledge and skill related to your career goals by participating in strategic, supervised work.

Most good companies are looking for students with internship experience. Internship will give you a competitive advantage in the job market. It will also provide the entry-level skills, training necessary to better prepare you for high growth career path.

BENEFITS OF INTERNSHIP

Gain Valuable Project Experience:
Acquire effective hands- on project experience.

Competitive Advantage in the Job Market:
Provides you the experience and skills to become more marketable upon entering the workforce.

Career Exploration:
Offers you the chance to explore career options and decide if it is the right career for you.

Apply Classroom Knowledge:
Gives you the chance to enrich your college curriculum and earn academic course credit.

Gain Confidence:
Getting experience is a great way to build your confidence and build your resume.

WHAT AN INTERN WILL BE DOING?

AI is a science that requires much skill and determination to gain expertise in. If you see yourself working for artificial intelligence jobs, then you need to have the basic educational qualification and skill set to get there.

Project on cutting edge AI Technologies such as Machine Learning, Deep Learning, Computer Vision, NLP and their real life applications. The field of work would span from AI enabled supply chain project, to chatbots, to face recognition, to building better educational tools using AI and deep learning.

You will be working with exerts to:
- Implement the Research for at least one end customer
- Conceptualize and Plan the Research and Product
- Do Research and Data analysis for same
- Write white papers etc

VITTI FOUNDATION

Internship program on projects in the area of Machine Learning and Artificial Intelligence using Python

Duration
40 Days

Batch Size
30 students

Eligibility: B.Tech prefinal year students in CS,IT,MCA and other related courses with knowledge of python and machine learning .

Module 01:
Introduction to ML and AI

1.1 Machine Learning and Human Learning
1.2 Types of Machine learning
1.3 Machine Learning and Deep Learning
1.4 Machine Learning and Artificial Intelligence
1.5 Industrial Applications of ML and AI

Exercise class: Students will present the project objective, sources of data, Discuss project related issues

Module 02:
Data Pre-processing and Analysis

2.1 Data Cleaning
2.1 Statistical properties of data and its relevance
2.2 Visualization of data
2.3 Feature Engineering: Feature extraction and Feature generation

Exercise class: Students to present the result of data pre-processing and discuss related issues

Module 03:
Machine Learning Algorithms

3.1 Regression and ANN model
3.2 Classification and confusion matrix
3.3 Clustering
3.4 Performance metric

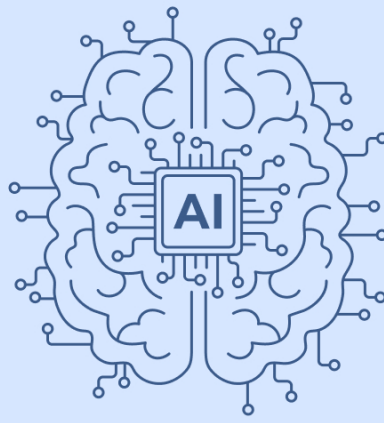Exercise class: Students to present the result of ML algorithm and discuss related issues

Module 04:
Model validation and hypothesis testing

Exercise class : Students to present the result of data pre-processing and discuss related issues

Final presentation of the project in prescribed format and discussion if required.

VITTI FOUNDATION

OUR INDUSTRY PARTENERS

EARN A INTERNSHIP CERTIFICATE FROM VITTI & OUR INDUSTRY PARTNERS