



IconsTeam Pvt. Ltd

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Internship Program Contents

PHP Internship:

- Module 1: PHP Introduction and Installation, Data types, Variables, Syntax, String, Operators, Loops, Arrays, Functions, Super globes
- Module 2: PHP Forms- Form Handling, Form Validation, Forms Requires Fields, Validate Email and URL, PHP Complete Form Example
- Module 3: PHP Advanced- Date and Time, File Handling- File Open/Close, File-Read/Write, Upload, PHP Sessions and Cookies
- Module 4: OOP Concepts- Classes, Objects, Constructors, Destructor, Access Modifiers, Inheritance, Abstract Classes, Static Methods
- Module 5: Database Connectivity, DB Installation, Create DB, Create Table, Insert Data, Insert Data, Insert Multiple Record, Prepared Statements, Select Data, WHERE Clause, Order by, Delete Data, Upload Data, Limit Data

Ethical Hacking & WAPT (Web App Penetration Testing) Internship:

- Module 1: What is Hacking? , Types of Hackers, Hacking Phases, Practical on Kali Installation
- Module 2: Foot printing- Foot Printing Through Search Engine and Whois Lookup, Foot Printing Through NetCraft, Foot Printing Through Shodan, Foot Printing Through Location and Social Engineering
- Module 3: Basic Google Hacking Database, System Hacking- Windows Hacking, Linux Hacking, Securing Windows/Linux Systems
- Module 4: What Is Cryptography? , Encryption and Decryption, Types of Cryptography, Encryption/Decryption Tools
- Module 5: What is SQL/MySQL? , Basic Queries of SQL, Basic Level SQL Injection, Medium Level SQL Injection

Machine Learning Internship:

- Module 1: Introduction- Definitions, Types of Learning, Cross- Validation, Linear Regression, Decision Trees, Over fitting
- Module 2: Instance Based Learning, Feature Reduction, Collaborative Filtering Based Recommendations Probability
- Module 3: Data Pre-Processing
- Module 4: Neural Network- Perception, Multilayer Network, Back propagation, Introduction to Deep Neural Network
- Module 5: Face/Smile Detection
- Module 6: Salary Prediction of An Employee
- Module 7: IRIS Image Classification
- Module 8: Data Visualization on Graph, Natural Language Processing

Python Internship:

- Module 1: Introduction, syntax, comments, variables, and data types, numbers, casting, string, Booleans.
- Module 2: Operators, lists, sets, tuples, dictionaries, loops, function, arrays, lambda
- Module 3: Classes, objects, inheritance, iterators, scope, dates, math, PIP, string formatting.
- Module 4: File Handling - read, wrote, create Delete files
- Module 5: Pandas, numpy library
- Module 6: Mat-plot library - introduction - plotting of bars and charts