CCNAv7: Introduction to Networks

The student has successfully achieved student level credential for completing CCNAv7: Introduction to Networks course administered by the undersigned instructor. The student was able to proficiently:

- Configure switches and end devices to provide access to local and remote network resources.
- Explain how physical and data link layer protocols support the operation of Ethernet in a switched network.
- Configure routers to enable end-to-end connectivity between remote devices.

- Create IPv4 and IPv6 addressing schemes and verify network connectivity between devices
- Explain how the upper layers of the OSI model support network applications.
- Configure a small network with security best practices.
- Troubleshoot connectivity in a small network.

Sanku Saiteja

Student

SR Engineering College

Academy Name

India

Location

12 Jul 2023

Date

Laura Quintana
VP & General Manager, Cisco Networking Academy

ıı**ı**ı**ı**ı**ı** Networking
CISCO Academy

Certificate of Course Completion

Sanku Saiteja

has successfully achieved student level credential for completing
the **Introduction to Cybersecurity** course.

The student was able to proficiently:

- Explain the basics of being safe online, including what cybersecurity is and its potential impact.
- Explain the most common cyber threats, attacks, and vulnerabilities.
- Explain how to protect oneself while online.
- Explain how organizations can protect their operations against these attacks.
- Access a variety of information and resources to explore the different career options in cybersecurity.

ı**ı**ı**ı**ı Networking
CISCO Academy
Verified

Introduction to
Cybersecurity

Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

May 26, 2023

Corporate
Social
Responsibility
CISCO™
Certificate of Course Completion

Cisco Networking Academy

IoT Fundamentals: Connecting Things

For completing the Cisco Networking Academy® Connecting Things course, and demonstrating the ability to perform the following:

- Explain how IoT technologies are transforming Business and Society.
- Use sensors, actuators and micro-controllers (Arduino) to prototype an IoT solution.
- Use Python, Cisco PL-App and Raspberry Pi to prototype an IoT solution.

- Describe the role of Network and Fog Computing in an IoT solution.
- Describe how IoT Solutions can be used to digitise business applications or address social problems.
- Diagram a business model for a given business or social endeavour using the Business Model Canvas.

Sanku Saiteja

Student

SR Engineering College

Academy Name

India

Location

29 May 2023

Date

Laura Quintana
Laura Quintana
VP & General Manager, Cisco Networking Academy

ılıılı. Networking
CISCO Academy

Certificate of Course Completion

Sanku Saiteja

has successfully achieved student level credential for completing
the **Cybersecurity Essentials** course.

The student was able to proficiently:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

Scan to Verify

Laura Quintana
—————————————————
Laura Quintana
Vice President and General Manager
Cisco Networking Academy

May 31, 2023

Statement of Achievement

PCAP: Programming Essentials in Python

The graduate of the *PCAP: Programming Essentials in Python* course, provided by **Cisco Networking Academy**®in collaboration with **OpenEDG Python Institute**:

- knows the universal concepts of computer programming, including variables, data structures, algorithms, control flow, functions, and exceptions;

- can proficiently use the developer tools, the runtime environment, and the syntax and semantics of the Python language;

- can use fundamental programming techniques, best practices, customs, and vocabulary, including the most common standard library functions in Python 3;

- can write Python programs using standard language infrastructure, and knows the means by which to resolve typical implementation problems;

- knows how to work with modules and packages, process text and binary files, and use generators, iterators, and closures;

- understands the fundamentals of object-oriented programming (OOP) and the way they are adopted in Python.

Sanku Saiteja

Student

5 Jul 2023

Date

Maciek Wichary
VP & CEO, OpenEDG

www.netacad.com | www.pythoninstitute.org