

Statement of Achievement

PCAP: Programming Essentials in Python

The graduate of the *PCAP: Programming Essentials in Python* course, administered by the undersigned instructor, and 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.

Vladis Kuznetsov

Student

National Transport University

Academy Name

Ukraine

Location

27 Dec 2023

Date



Laura Quintana
VP & General Manager, Cisco Networking Academy

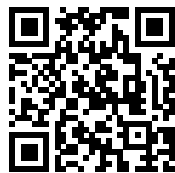
Certificate of Completion

Andrii Chernysh

has successfully achieved student level credential for completing the Introduction to Packet Tracer.

The student was able to proficiently:

- Use Cisco Packet Tracer.
- Create a Simple Network Using Cisco Packet Tracer.
- Use Network Controllers in Cisco Packet Tracer.
- Use Cisco Packet Tracer with IoT devices.
- Create and modify a Thing in a simulated Smart Home Network.



Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

December 07, 2023

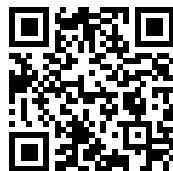
Certificate of Course Completion

Pavlo Krasnyi

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

The student was able to proficiently:

- Explain how IoT and Digital Transformation are positively impacting businesses and governments.
- Explain the importance of software and data for digital businesses and society.
- Explain the benefits of automation and artificial intelligence for digital transformation.
- Explain the concepts of Intent Based Networking.
- Explain the need for enhanced security in the digitized world.



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Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

November 21, 2023

Certificate of Course Completion

Віктор Ложніков

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

The student was able to proficiently:

- Explain how IoT and Digital Transformation are positively impacting businesses and governments.
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Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

December 01, 2023

Certificate of Course Completion

Serhii Tereshchenko

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

The student was able to proficiently:

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Laura Quintana

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Cisco Networking Academy

December 04, 2023

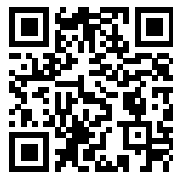
Certificate of Course Completion

Манжола Мирослав

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

The student was able to proficiently:

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Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

December 04, 2023

Certificate of Course Completion

Аліна Бондаренко

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

The student was able to proficiently:

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Laura Quintana

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Vice President and General Manager
Cisco Networking Academy

December 06, 2023

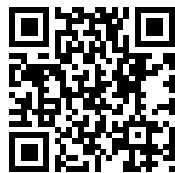
Certificate of Course Completion

Іван Грущинський

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

The student was able to proficiently:

- Explain how IoT and Digital Transformation are positively impacting businesses and governments.
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Laura Quintana

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Vice President and General Manager
Cisco Networking Academy

December 07, 2023

Certificate of Course Completion

Koval Eugen

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

The student was able to proficiently:

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December 07, 2023

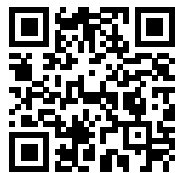
Certificate of Course Completion

Микита Хворостьянов

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

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December 07, 2023

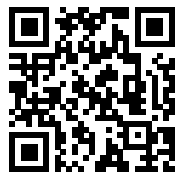
Certificate of Course Completion

Денис Кручко Миколайович

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

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Cisco Networking Academy

December 07, 2023

Certificate of Course Completion

Ruslan Zavadskyi

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

The student was able to proficiently:

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Vice President and General Manager
Cisco Networking Academy

December 07, 2023

Certificate of Course Completion

Данило Демяненко

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

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Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

November 23, 2023

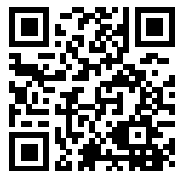
Certificate of Course Completion

АНТОН Койдан

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

The student was able to proficiently:

- Explain how IoT and Digital Transformation are positively impacting businesses and governments.
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Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

December 08, 2023

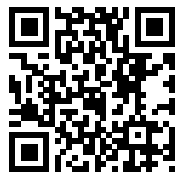
Certificate of Course Completion

Andrii Chernysh

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

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Cisco Networking Academy

December 07, 2023

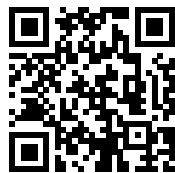
Certificate of Course Completion

Leonid Gotsulyak

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

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Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

December 09, 2023



Certificate no: UC-78bcb9e8-1dd4-476e-b17c-98348ef4e828

Certificate url: ude.my/UC-78bcb9e8-1dd4-476e-b17c-98348ef4e828

Reference Number: 0004

CERTIFICATE OF COMPLETION

Machine Learning A-Z™: AI, Python & R + ChatGPT Bonus [2023]

Instructors **Kirill Eremenko, Hadelin de Ponteves, SuperDataScience Team, Ligency Team**

Timur Erkimbaiev

Date **May 28, 2023**

Length **42.5 total hours**



Cloud Security Alliance

Certificate of Training Awarded to

andreycherevko2014@gmail.com

andreycherevko2014@gmail.com

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

21/05/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Anton Kotliarov

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

19/02/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Daniil Ihnatenko

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

27/03/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Nastia Teteruk

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

18/02/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Olexandr Anokhin

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

23/05/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Vitalii Dovzhenko

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

22/05/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Альона Сушко

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

27/04/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Антон Качур

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

20/02/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Богдан Іщук

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

17/05/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Борис Соколовський

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

16/03/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Віталій Горбач

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

28/02/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Владислав Педенко

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

23/05/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Володимир Антоненко

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

10/04/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Данило Коваль

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

25/04/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Дмитрій Булим

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

26/04/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Дмитро Вельбик

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

17/05/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Іван Черновський

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

09/05/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Іван Шеремет

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

01/03/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Олександр Чурута

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

26/04/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Ольга Цимбаліст

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

22/02/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Павло Міщенко

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

11/05/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Роман Кажукало

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

11/04/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Ростислав Ковальчук

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

17/05/2023

Date



Cloud Security Alliance

Certificate of Training Awarded to

Тарас Дикий

Name

For Successfully Completing

CCSK v4.1 Foundation Training

Date of Completion

03/05/2023

Date