# СЕРТИФІКАТИ



**HP ExpertONE**

Hewlett-Packard Company hereby awards

Oxana Tkalenko

the title of

**HP Accredited Technical Associate**

HP ATA – Networks

for the successful completion of the requirements
as prescribed by HP ExpertONE.

Awarded on May 30, 2016

Susan Underhill
VP, Global Certification & Learning

nNeu-DTo5

verify.certiport.com
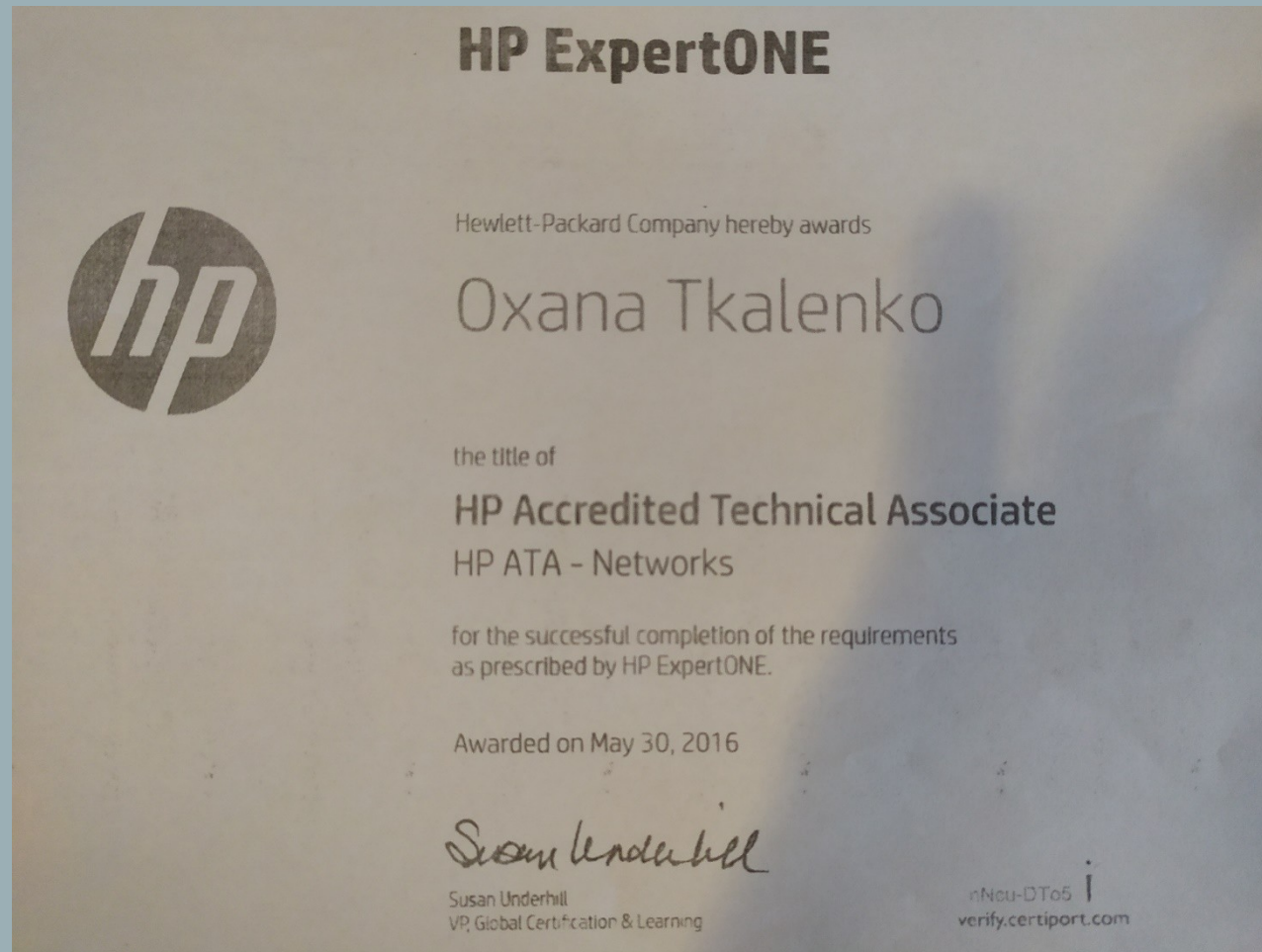
CERTIFICATE

is awarded to

Tkalenko Oksana

for being an active participant in
I International Scientific and Practical Conference
**"PRIORITY DIRECTIONS OF SCIENCE DEVELOPMENT"**

**LVIV**

28-29 October 2019

sci-conf.com.ua

S&B SYSTEMS

СЕРТИФІКАТ

PM-TC-003/22

Виданий Ткаленко Оксані Миколаївні

за результатами проходження курсу "Взаємодія в команді в IT-проектах"

Термін стажування: з 26 жовтня по 17 листопада 2019 року
Загальна кількість годин: 120

Директор «ЕС ЕНД БІ СИСТЕМС»                Ф.Б. Звонарьов

17.11.2019

**CERTIFICATE**

· A L L · · · · · · · · · ·
· D I G I T A L · · · · · ·
· *Week* · · · · 23–29 March 2020 ·

awarded to

**Oksana TKALENKO**

has developed essential digital skills
and contributed to the success of

**Scientific Integrity**

in

NTU "KhPI", Kharkiv, Ukraine, 25.03.2020

during ALL DIGITAL Week 2020

**dComFra**
Digital competence framework for
Ukrainian teachers and other citizens

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**CISCO** Corporate Social Responsibility

Certificate of Course Completion

Cisco Networking Academy

## Introduction to IoT

The student has successfully achieved student level credential for completing Introduction to IoT course administered by the undersigned instructor. 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.

**Oksana Tkalenko**
Student

**State University of Telecommunications**
Academy Name

**Ukraine**
Location

**27/03/2021**
Date

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