



REPUBBLICA ITALIANA

**UNIVERSITÀ**  
**di CAMERINO**

Macrosettore Servizi per la Didattica,  
Internazionalizzazione e Post-Laurea  
**Area Segreteria Studenti**

REG.N° 2020452461

MATR. N°. 106781  
Academic Year 2019/2020

This is to certify that HORST ALEXANDER PAUL, born in HORW - Switzerland - on 01/03/1994, has successfully completed his Master degree in COMPUTER SCIENCE (LM-18 - Master Degree with a major in COMPUTER SCIENCE) on the 28/10/2020, with a final mark of 110/110 out of 110 for a total of 120 credits and he has been awarded the title of Dottore Magistrale in COMPUTER SCIENCE.

The student has passed the following exams:

DESCRIPTION	VOTE	DATE	YEAR	CREDITS / ECTS	CONV
IT SECURITY: FOUNDATION	25/30	20/12/2018	2	6	
PROCESS MINING	25/30	30/01/2019	2	6	
COMPLEX SYSTEM DESIGN	28/30	05/02/2019	2	12	
FUNDAMENTALS OF REACTIVE SYSTEMS	30/30	01/07/2019	2	6	
INNOVATION THINKING PROJECT	30/30	08/10/2020	1	6	RA
IT MANAGEMENT AND CLOUD COMPUTING	25/30	08/10/2020	1	6	RA
BUSINESS PROCESS MANAGEMENT	28/30	08/10/2020	1	6	RA
E-BUSINESS AND MOBILE BUSINESS	28/30	08/10/2020	1	6	RA
STRATEGIC MANAGEMENT IN THE DIGITAL ECONOMY	28/30	08/10/2020	2	6	RA
DIGITAL TRANSFORMATION IN HEALTH CARE	30/30	08/10/2020	2	6	RA
BIOMEDICAL DATA SCIENCE	28/30	08/10/2020	2	6	RA
OPTIMIZATION FOR BUSINESS IMPROVEMENT	28/30	08/10/2020	2	6	RA
KNOWLEDGE PROCESSING AND DECISION MAKING	25/30	08/10/2020	2	6	RA
ALIGNMENT OF BUSINESS AND IT	25/30	08/10/2020	2	6	RA
THESIS	QUALIFIED	28/10/2020	2	30	
TOTAL CREDITS ACQUIRED				120	

The marks of exams are expressed out of 30.

Key:

RF: Attendance recognised  
RA: Activity recognised  
CF: Attendance validated  
CA: Activity validated

The normal length of the course is two years.

This certificate is issued at the request of the student and cannot be presented to Public Administration organisations or to private companies that furnish public services (art 40 comma 02, DPR 445/2000) in accordance with Law no. 183, 12/11/2011 art. 15.

In accordance with D.M.270/04, to HORST ALEXANDER PAUL, as graduated in COMPUTER SCIENCE, has qualified for the title of Dottore Magistrale .

CAMERINO, 23/03/2021

THIS DATA HAS BEEN EXTRACTED AUTOMATICALLY FROM THE DATABASE OF THE UNIVERSITY.

THIS DATA HAS BEEN EXTRACTED AUTOMATICALLY FROM THE DATABASE OF THE UNIVERSITY. AUTHORIZED BY ALESSANDRO CONSOLI.THE SIGNATURE CAN BE OMITTED IN ACCORDANCE WITH ART 3. COMMA 2, LEGISLATIVE DECREE NO.39 12/02/1993..

THIS CERTIFICATE IS GIVEN IN PAPER FOR SINGLE PURPOSE FOR WHICH THE LAW DOES NOT REQUIRE STAMP (26/10/1972 Presidential Decree No. 642 and subsequent amendments)..