**Hochschule
Kaiserslautern**
University of
Applied Sciences

Translation

Bachelor Certificate

Mr. Donald Luiz Gaetan Pfaffmann

born on May, 25th 1997 in Kandel (Germany)

has successfully passed the degree examination in the study course

Applied Computer Science

on October, 28th 2020

Topic of Bachelor Thesis:

Analyzing ABA-Emergency Braking Events Using Association Rule Mining and Predictive Modeling at Daimler Truck AG

	ECTS	Note
Bachelor Thesis:	15	**1,0**
Compulsory Modules:	ECTS	Note
Introductory Computer Science	8	1,7
Study and Presentation Techniques	2	passed
Logic for Computer Scientists	3	passed
Mathematical Foundations	7	3,3
Computer Architecture	10	1,7
Algorithms and Data Structures	8	1,0
Analysis, Probability Theory and Statistics	7	3,7
Communication Networks	7	1,3
Programming Techniques I	8	1,3
Database Systems	7	1,0
Information Theory and Coding	5	1,0
Linear Algebra and Geometry	5	2,3
Programming Techniques II	5	1,0
Software Engineering	8	1,7
Project Management	5	2,0
Security of IT Systems	5	1,0
Software Engineering Traineeship	5	1,0

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	ECTS	Note	
Usability Engineering	5	1,0	
Operating Systems	7	1,0	
Managerial and Communication Techniques	2	passed	
Legal and Managerial Foundations	6	1,2	
Student Project	7	1,0	
Internship	13	passed	O

Optional Compulsory Modules:	ECTS	Note
Microcontrollers – Programming and Applications	5	1,0
Distributed Systems Development with Java	5	1,0
Graphical Apps – The Android View	5	1,0
Introduction to Artifical Intelligence and Natural Language Processing	5	1,0

The final grade of the examination is: 1,4

Overall number of ECTS credit points of the degree program: 180 ECTS

O = grade achieved abroad

Zweibrücken, October, 28th 2020

For the correctness
(Examination Office)