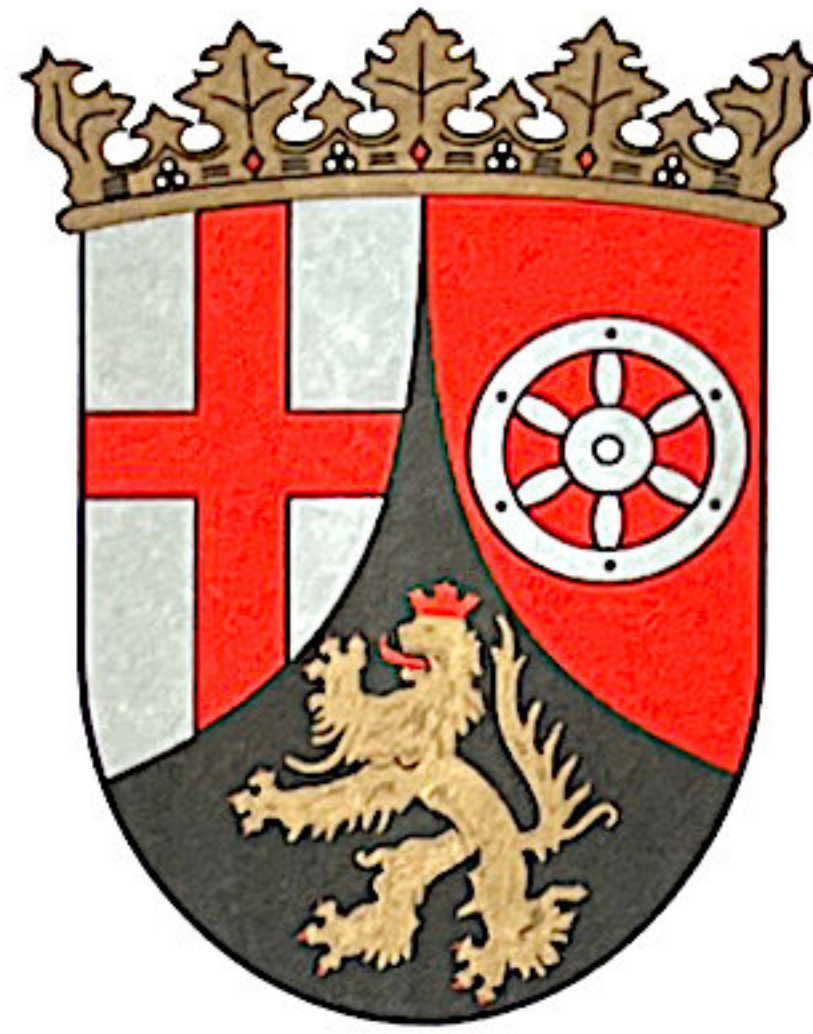


HOCHSCHULE TRIER

- Trier University of Applied Sciences -



Bachelor of Science
Final Examination Certificate
and Transcript of Records

Nicolas Kremp

born on 15 January 1991 in Freiburg
has passed the final examination in the course of

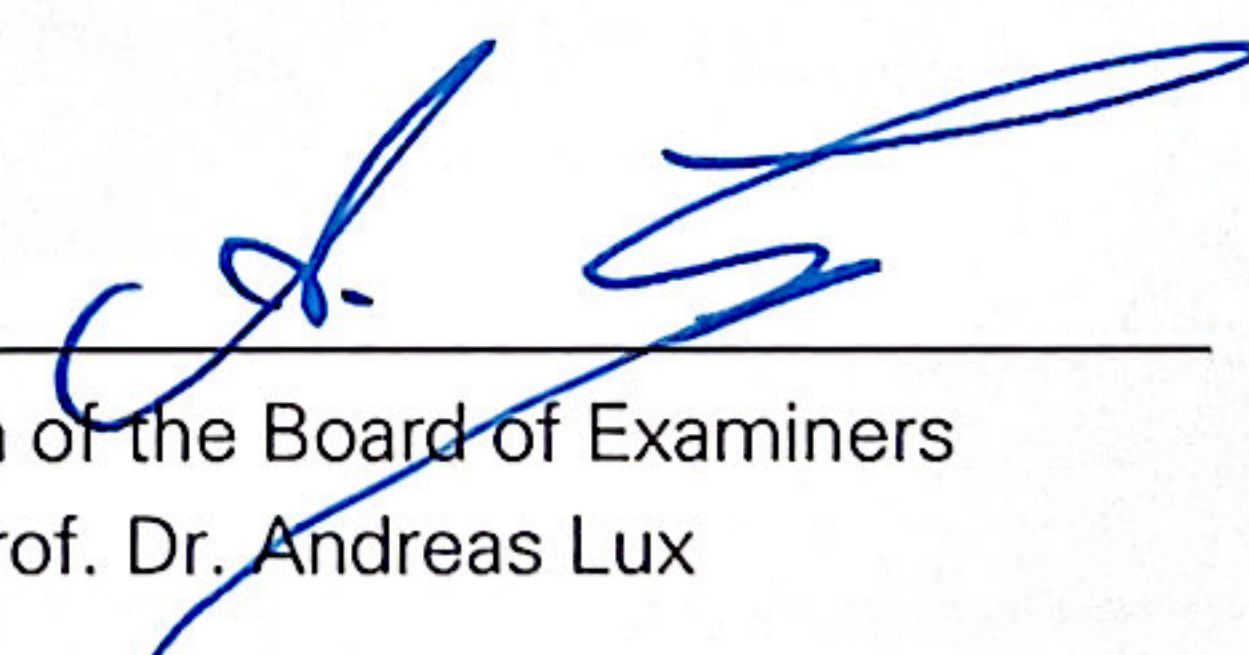
Computer Science - Digital Media and Games
with a major in
Games

with the overall classification **good (2.3)** and has
been awarded the academic degree Bachelor of Science (B.Sc.).

Title of the final thesis:
Verification of Pathfinding Algorithms



Trier, 15 December 2020


Chairman of the Board of Examiners
Prof. Dr. Andreas Lux

Module	ECTS credit points	Local Grade
Foundations of Computer Science		
Object-oriented Programming	10	satisfactory (2.7)
Data Structures and Algorithms	5	satisfactory (3.0)
Theoretical Computer Science	5	satisfactory (3.3)
C/C++ Programming	5	good (1.7)
Hard- and Software Systems		
System Administration	5	satisfactory (3.0)
Computer Networks	5	satisfactory (3.3)
Web Technologies	5	satisfactory (3.0)
Game Programming	5	satisfactory (3.0)
Game Console Programming	5	very good (1.3)
Tool and Plug-In Programming	5	very good (1.0)
Software Engineering		
Software Design and Test	5	satisfactory (3.3)
Software Management	5	satisfactory (3.0)
Graphical User Interfaces	5	satisfactory (3.3)
Technical Fundamentals		
Computer Engineering	5	satisfactory (2.7)
Mathematics		
Principles of Mathematics	5	good (1.7)
Linear Algebra	5	satisfactory (3.0)
Applied Mathematics	5	satisfactory (3.3)
Multimedia Applications		
Digital Media	5	satisfactory (3.3)
Digital Games	5	very good (1.3)
Introductory Computer Graphics	5	sufficient (4.0)
General Fundamentals		
Scientific Skills	5	satisfactory (2.7)
English	5	satisfactory (2.7)
Online and Media Law	5	sufficient (4.0)
Seminar		
Seminar	5	very good (1.3)
Practical Projects		
Media Project	10	very good (1.0)
Interdisciplinary Team Project	10	very good (1.0)
Development of a Tool-Chain for Blender		
Final Thesis	15	very good (1.3)
Elective Modules		
C#, .NET and Unity	5	satisfactory (3.0)
Databases	5	good (2.0)
Medical Computer Graphics	5	very good (1.3)
Rhetoric for Computer Scientists	5	very good (1.0)
Sum of ECTS credit points	180	