

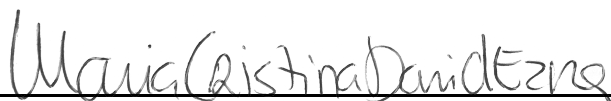
Academic Unit

Certificate

Maria Cristina De Oliveira Santos Matos David Ezra, Coordinator of the Graduation Academic Unit of the Instituto Superior Técnico, Universidade de Lisboa certifies that:

Afonso Pedro Antunes da Mota Gomes, holder of the Citizen Card No 14195554 and of PORTUGUESE nationality, obtained the title of Mestre in Computer Science and Engineering in the Master Degree (MSc) in Computer Science and Engineering, in 17 November 2023, with the final grade of 17 (seventeen), on a scale of 0 - 20, having obtained a total of 120 ECTS, having completed successfully the curricular units in the appendix.

Registry Diploma No 20270/IST/M/2024.



Maria Cristina De Oliveira Santos Matos David Ezra

Coordinator of the Graduation Academic Unit

Instituto Superior Técnico, at Lisboa, 22 March 2024.

Curricular Unit	ECTS	Grade
Autonomous Agents and Multi-Agent Systems	6.0	14 (fourteen)
Forensics Cyber-Security	6.0	18 (eighteen)
Communication Skills in Computer Science and Engineering I	3.0	14 (fourteen)
Communication Skills in Computer Science and Engineering II	3.0	11 (eleven)
Game Design	6.0	20 (twenty)
Game Development Methodology	6.0	17 (seventeen)
Advanced Programming	6.0	12 (twelve)
Software Security	6.0	18 (eighteen)
Network and Computer Security	6.0	19 (nineteen)
Highly Dependable Systems	6.0	13 (thirteen)
Extracurricular Activities I	3.0	AP (Approved)
Extracurricular Activities II	3.0	AP (Approved)
Master Dissertation in Computer Science and Engineering	30.0	19 (nineteen)
Artificial Intelligence in Games	6.0	17 (seventeen)
Natural Language	6.0	18 (eighteen)
Virtual Reality	6.0	15 (fifteen)
2nd Cycle Integrated Project in Computer Science and Engineering	12.0	19 (nineteen)