

LISTA TEMELOR PEROPUSE PENTRU LUCRARILE DE FINALIZARE STUDII 2022-2023

Specializarea: Master ACS

Prof.dr.ing. Daniel Volovici	Image Enhancement Methods
	Drawing and using binary trees for modelling repeated games
Prof.dr.ing. Remus Brad	Medical image segmentation using CNN
	A practical comparison of CT scan segmentation techniques
	Accelerating MRI recognition using learned representations
	A study of deep fake image detection
Prof.dr.ing. C-tin Zamfirescu Bala	Trusted execution environment - ensuring application confidentiality and honesty, even if the OS, hypervisor, or BIOS are compromised
	Ontology-based data integration and AI algorithm composition - incorporating functionality from multiple AIs with custom logic blocks using ontology schemas.
Prof.dr.ing. Adrian Florea	Using smart robots in agriculture
	ADSE for multicore architectures enhanced with Multi-Value Dynamic Instruction Reuse technique.
Conf.dr.ing. Macarie Breazu	EZW/SPIHT coder/visualisation tool
	Analysis of Stockfish chess program
Conf.dr.mat. Radu Crețulescu	Speech generator for romanian language (Python)
	Drone programming using AI
	Application using the BERT Model
Conf.dr.mat. Daniel Morariu	Using the word embedding for Rumanian document representation.
	Plagiarism check system.
	Anomaly detection in Big Data.
Conf.dr.mat. Arpad Gellert	Machine learning methods for assembly assistance
	Forecasting electricity consumption and production through machine learning methods
	Noise detection and filtering in images through machine learning
Şef lucr.dr.ing. Antoniu Pitic	Full Stack Application
	Full Stack Application
Şef lucr.dr.ing. Mihai Neghina	Genetic algorithms based on the Apparent Front Ranking (AFR) method
Şef lucr.dr.ing. Alexandru Butean	Comparative study on artificial intelligence algorithms on blockchain platforms through specialized Dapps
	Performance comparison of high quality renders and models for virtual reality environments
	Dynamic location prediction model based on user actions, interaction models and behavioral patterns recorded on a mobile device.
Asist.dr.ing. Radu Chiş	Sharding problems in blockchain
	Blockchain attacks