

ADAM MEDRAGH

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OBJECTIVE

Aspiring Machine Learning Engineer with hands-on experience in building ML models and systems, seeking to contribute to TikTok BRICS's mission to inspire creativity and ensure platform integrity. Eager to leverage technical skills to address business risks through innovative AI solutions.

EDUCATION

Master of Science in IT, minor in AI & Cybersecurity

Sep. 2021 - Now

INSA Centre-Val de Loire

Notable courses: Machine Learning theory, Advanced design and object programming, Web application design, Algorithm and reasoning

Exchange Program specialized in AI

Sep. 2022 - Feb. 2023

University POLITEHNICA of Bucharest, Romania

Ranked No.1 among Romanian Universities

Notable Courses: Machine Learning, Neural networks, Computer Vision, Big Data

TECHNICAL SKILLS

Programming Languages

Python, C, Java, Bash, Flutter, Assembly

Machine Learning

TensorFlow, Pandas, Scikit-Learn, PyTorch, Flower

Data Science

Hadoop, Spark

Databases

MySQL, MongoDB, PostgreSQL

Tools

Git, VSCode, Docker, AWS Services, Agile methodology

Certifications:

- Neural Networks and Deep Learning, Coursera
- Intro to TensorFlow for AI, ML, and Deep Learning, DeepLearning.AI
- What is Data Science?, IBM

EXPERIENCE

Machine Learning Engineering Internship

Mar. 2024 - Present

MicroSec, Singapore

- Developed a cybersecurity framework utilizing ML for authentication and intrusion detection for international clients.
- Designed models for automatic vulnerability analysis, enhancing anomaly detection and successfully integrated these into production.

Deep Learning Engineering Internship

Apr. 2023 - Aug. 2023

Nuclétudes, ArianeGroup

- Enhanced object recognition software on satellite maps, improving temporal performance and object class recognition.

AI & Machine Learning Research Activity

Dec. 2022 - Feb. 2023

University POLITEHNICA of Bucharest

- Contributed to a research project implementing a conversational AI agent to verify the veracity of social network posts.

AI Project Leader

Nov. 2022 - Feb. 2023

University POLITEHNICA of Bucharest

- Led the creation of a real-time speech synthesis tool, facilitating instant transcription of spoken words into text.

AWARDS & COMMUNITY INVOLVEMENT

- President of the Sport division, High Five 2022, Bourges - managing one of the largest student events in the region.
- Treasurer of the 2021 Poker Student Club, Bourges - responsible for fund management of a major club emphasizing on teamwork & self-awareness.