

ADAM MEDRAGH

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OBJECTIVE

MSc AI Student with hands-on experience in Machine Learning and AI research, seeking to contribute to TikTok BRICS Singapore as a Machine Learning Engineer. Adept at developing intelligent, privacy-safe, and robust solutions to complex technical challenges.

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

TECHNICAL SKILLS & CERTIFICATIONS

Programming Languages Python, C, Bash, Java, Flutter, Assembly

Data Science Hadoop, Spark

Frameworks & Libraries TensorFlow, Pandas, Scikit-Learn, OpenCV, PyTorch

Tools Git, VSCode, Docker, AWS Services, Agile methodology

Databases MySQL, MongoDB, PostgreSQL

Languages English (Native), French (Native), German (Conversant - B1), Arabic (Basic Knowledge)

Certifications CEFR Level: C1 (TOEIC 985/990), 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 Intern Mar. 2024 - Present

MicroSec Singapore

- Spearheaded cybersecurity framework development using ML for authentication and intrusion detection.
- Successfully integrated advanced anomaly detection models into production environments.

Deep Learning Engineering Intern Apr. 2023 - Aug. 2023

Nuclétudes, ArianeGroup

- Enhanced object recognition software for satellite imagery, improving temporal performance.
- Advanced algorithmic precision in object class recognition, employing Python and PyTorch.

AI & Machine Learning Research Activity Dec. 2022 - Feb. 2023

University POLITEHNICA of Bucharest

- Contributed to an AI-based solution (Chatbot) for real-time post-veracity checks on social networks.
- Emphasized privacy-safe and robust ML model development in collaboration with AI professors.

PROJECTS

Real-time Speech Synthesis Tool (Nov. 2022 - Feb. 2023)

Developed a software to transcribe spoken words to text in real-time, facilitating efficient communication.