Hany El Atlassi

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Profile

AI engineer-in-training passionate about intelligent systems and multi-agent learning, with hands-on experience in computer vision, data engineering, and deployment. Strong programming and systems background through cybersecurity and cloud engineering studies, giving a holistic understanding of performance, security, and scalability. Open to relocation and international collaboration.

Education

ENSAM (École Nationale Supérieure des Arts & Métiers)   **Casablanca, Morocco**
Cybersecurity & Cloud Engineering   *Sep 2022 – Jun 2027*

Work Experience

Scale AI (Outlier.ai)   **San Francisco, California (Remote)**
AI Trainer   *Oct 2024 – Present*
- Design and evaluate complex coding challenges in Python, C/C++, and Java to assess AI model capabilities and identify failure modes
- Analyze and rate AI-generated code solutions, providing detailed feedback on logic flaws, edge cases, and optimization opportunities
- Debug and refactor AI-generated code to production-quality standards, contributing to model training data improvement
- Collaborate with AI research teams to enhance autonomous code generation systems through iterative feedback and quality assessment

3D Smart Factory   **Casablanca, Morocco**
Machine Learning Intern   *Jul 2024 – Sep 2024*
- Implemented and trained Superpoint Transformer for 3D point cloud segmentation using PyTorch and Lightning AI on Linux
- Preprocessed 30GB+ of 3D point cloud data from Stanford 3D Indoor Scenes Dataset, optimizing data pipeline for training efficiency
- Achieved 90% overall accuracy and 70% mean IoU in 3D indoor scene segmentation, exceeding baseline performance
- Developed and deployed a real-time web application using Streamlit, enabling interactive 3D segmentation model demonstration
- Integrated comprehensive experiment tracking with Weights & Biases for performance monitoring and model optimization

Leadership & Activities

CIAM AI Club, ENSAM   **Casablanca, Morocco**
President   *Sep 2023 – Jun 2025*
- Lead Python and Machine Learning workshops for 200+ technology enthusiasts, fostering technical skill development
- Developed proof-of-concept for AI-powered autonomous drone system for industrial inspection applications
- Manage cross-functional teams developing projects in classical ML, computer vision, and Python development

McKinsey & Company   **Global Alumni Network**
McKinsey.org Forward Program   *January 2026*
- Active member of exclusive global alumni network with access to ongoing learning events and professional development resources
- Developed expertise in structured problem-solving, adaptability and resilience, effective communication, and digital fluency

Technical Skills

AI/ML Frameworks: PyTorch, TensorFlow, Scikit-Learn, Lightning AI, Keras

Programming Languages: Python, C/C++, Java, SQL, Bash, NoSQL

AI/ML Specializations: Computer Vision, 3D Computer Vision, Deep Learning, CNNs, RNNs, NLP

Development Tools/Environments: Git/GitHub, Linux, Anaconda, Streamlit, Jupyter

Systems & Supporting Security: Familiarity with OS/memory forensics, network analysis, NTFS artifacts, Linux bash workflows

Languages: English (Fluent), French (Fluent), Arabic (Native)

Certifications & Awards

IBM AI Engineering Professional Certificate (Deep Learning Fundamentals, Computer Vision)

Deep Learning Specialization, Reinforcement Learning Specialization

Advanced Machine Learning on Google Cloud (In Progress)

ECPC 2023: 2nd Place, ENSAM Casablanca Programming Contest (C Programming)

CTFs: Ranking in the top 3% worldwide in HTB Forensics CTF, and in the top 10-15 nationally in different National competitions