Arsène Adjevi

GitHub | LinkedIn

adjevianarsene@gmail.com

+33 07 75 51 36

Profile

Research Engineer with a strong background in Artificial Intelligence and Embedded Systems. Particularly interested in Deep Reinforcement Learning, High-Performance Computing, and Explainable AI. Seeking a Master 2 research internship, with the goal of continuing as a Research Engineer.

Experience

WORK3 Technology (MedixBot Ltd.) 2021 – Present

R&D Engineer – Embedded Medical Systems

- Development of intelligent embedded medical devices for continuous glucose monitoring.
- Integration of ML models into resource-constrained, real-time embedded systems.
- Optimization on ARM-based multi-core architectures with safety and reliability constraints.

GoTogetherAI 2024 – 2025

Machine Learning Engineer

- Architected and developed the first version of the TogetherAI API codebase in Python.
- Refactored the API using Go for improved performance and maintainability.

Education

Erasmus Mundus Joint Master – Biomedical Engineering (EMMBIOME) 2024 – 2026

Edge AI, Intelligent Medical Devices, Embedded Systems

M.Sc. Information Systems Engineering 2023 – 2025

Reinforcement Learning, High Performance Computing, Game Theory

Kocaeli University, Turkey

B.Sc. Information Systems Engineering 2019 – 2023

Sakarya University, Turkey

Research Interests

Deep Reinforcement learning; High Performance Computing; Explainable AI for safety-critical systems.

Publications

- Explainable Reinforcement Learning for Glucose Monitoring Based on Shapley Value Analysis(Manuscript: CMPB-D-25-02853R2).
- Utilizing IoMT-Based Smart Gloves for Continuous Vital Sign Monitoring.
- Robust Data Hiding Method Based on Frequency Coefficient Variance in Repetitive Compression..

Skills

Programming: Python, C/C++, CUDA, ARM Assembly, Golang, Linux, Git
Frameworks: Pytorch, Numpy, Jax, Gynamsium

Honors and Awards

- Erasmus Mundus Scholar — European Union (2024–2026)
- Türkiye Scholarships — Excellence Award
- Top 3 Student — Sakarya University