ADAM SIRRI

PERSONEL PROFIL

As an engineering student who has completed preparatory classes for the French Grandes Écoles with a specialization in Mathematics and Physics, I also work alongside my studies as a programmer, developing websites, applications, and AI solutions for various companies.

SKILLS

- Python
- JavaScript
- SQL
- MySQL
- NoSQL
- React.js
- Spring Boot
- Backend
- UML
- Machine Learning
- Scikit-Learn
- PyTorch
- Keras
- Pandas
- NumPy
- Text Mining
- NLTK
- spaCy
- Data Warehousing
- RAG Bots
- GPT
- OpenAI Embeddings
- Pinecone
- Docker
- Git
- CI/CD
- DevOps
- Cloud (Azure, Google Cloud)

Contact Infos:

Téléphone : +2126 82 41 12 70
adam.sirri@insea.ma
Résidence Bayti 3, Avenue Hssaine, 11100, Sala Jadida.

Languages

Français : langue maternelle
Arabe : langue maternelle
English: Advanced

ÉDUCATION

Lycée Al-Qods
BaccalauréatGénéralSciences-Mathématiques Mention Très Bien

- Mathematics
- Physics and Chemistry
- Engineering Sciences
- Philosophy

Classes Préparatoires aux Grandes Écoles - Lycée Moulay Youssef

Première Année de CPGE

- Sup Mathématiques - Physique - Sciences de l'Ingénierie.

Deuxième Année de CPGE

- Spécialité Mathématiques - Physique.

Institut National de Statiqtiques et Économie Appliquée

Première Année en Cycle d'Ingénierie 2023-2024

Filière Data and Software Engineering.

DeuxièmeAnnéeenCycled'Ingénierie 2024-2025

Filière Data and Software Engineering

Professional Experience

TéléPerfomance - Summer 2023

Communication,
Service Client.

OwnLy.nz Summer 2025

Developed an artificial intelligence system to assist employees with their tasks while also answering customer inquiries.

PROJECTS

-1- Cybersecurity Lab – Splunk & Google Cloud
Monitoring et détectiond'intrusionsentempsréelsur VMGoogle Cloud.
Stack : Splunk Enterprise, Splunk Universal Forwarder, dashboards interactifs, alertes sécurité.
- LinkedIn Demo : Splunk Cybersecurity Lab
- Splunk Login Page : Demo Login

2- VoIP Service – Asterisk sur Google Cloud
omplete deployment of a VoIP service with SIP/RTP management, GCP firewall, NAT traversal, and multi-platform client testing.
Planned a Splunk dashboard for real-time monitoring.
- LinkedIn Post : VoIP Service – Asterisk

3- Computer Vision / Machine Learning
- HandSignRecognition : détectiondegestesavecalertes email, MediaPipe, OpenCV, Python.
  - LinkedIn : Hand Sign Recognition
  - GitHub : Hand Sign Project
- YOLOv4 Real-Time Object Detection : pipeline complet pour webcam, 25-30 FPS, 80+ classes, optimisations GPU/CPU.
  - LinkedIn : YOLOv4 Object Detection
  - GitHub : Object Detection Project

4- Live RAG Bot – Google Cloud & Pinecone (GCP & CloudFlare)
AI-powered document assistant capable of answering questions directly from documents.
Google Drive integration, combining semantic search and GPT-3.5-turbo generation.
Tech stack: Node.js, Express, React.js, OpenAI Embeddings, Pinecone, Google Cloud VM, Cloudflare Tunnel, CI/CD.
Features: Real-time indexing, multilingual support, citation-based answers, secure 24/7 cloud service.

- LinkedIn : Live RAG Bot
- Demo : RAG Bot Live
- GitHub : RAG Bot Service