

# Yazid Slimani

☎ +213 558 876 953 | ✉ yazid.slimani@ensia.edu.dz | ✉ slimani.yazid0420@gmail.com |  
🌐 yazid.me | 🌐 github.com/Ya-zid

## Education

<b>National Higher School of Artificial Intelligence</b> "Ingéniorat" (Algerian 5-year undergraduate degree) in Artificial Intelligence	2021 – 2026 (Expected) Algiers, Algeria
<ul style="list-style-type: none"><li>Relevant coursework: Software Engineering, Networks &amp; Protocols, Wireless Network Systems, Web Development, NLP, Deep Learning, Reinforcement Learning, Computer Vision, Machine Learning, Data Mining, Time Series Analysis &amp; Classification, Operational Research, Computer &amp; Network Security, Project Management</li></ul>	
<b>Al Amrani High School</b> Baccalaureate Graduate - GPA: 17.88/20 (3.57/4.0)	2018 – 2021 Batna, Algeria

## Professional Experience

<b>Founder &amp; Product Owner</b> Gostu	2023 – 2024 Algeria
<ul style="list-style-type: none"><li>Achieved national recognition by securing the first "Label de projet innovant et startup" awarded by the Ministry of Knowledge Economy, Startups and Micro Enterprises</li><li>Led a multidisciplinary team of developers and designers to develop a comprehensive platform featuring forums, resources, AI-powered assistants, and access to private tutoring</li><li>Oversaw the deployment of Gostu's web platform and Android application, ensuring seamless user experience and accessibility</li><li>Implemented subscription models with tiered access levels and secure payment processing</li></ul>	
<b>Intern - National Operations Center (NOC) Department</b> ENMSR - Algérie Télécom	Sep 2024 – Oct 2024 Algeria
<ul style="list-style-type: none"><li>Participated in technical field interventions involving FTTX deployment, voice line maintenance, and 4G network diagnostics</li><li>Gained practical experience in monitoring and maintaining national network infrastructure, working with systems like Fiberhome, ZTE, Nokia, and Huawei</li><li>Enhanced account type management in a PHP-based internal platform, optimizing database queries by 60%</li></ul>	
<b>Freelance Developer</b> Various Clients	2022 – Present Remote
<ul style="list-style-type: none"><li>Developed custom web solutions for small businesses and individual clients</li></ul>	

## Projects

<b>Gostu.net</b>   React, WebRTC, Laravel, Meilisearch, Tailwind	2023 – 2024
<ul style="list-style-type: none"><li>Developed along with the team an EdTech platform with live collaborative study rooms serving Algerian students</li><li>Built interactive forums and study materials repository with advanced search capabilities</li></ul>	
<b>Neural Network Threat Detection</b>   Python, XGBoost, SQLite, Pandas, Scikit-learn	2023
<ul style="list-style-type: none"><li>Created an AI-powered system that detects and prevents network attacks in real-time</li><li>Implemented hierarchical classification to distinguish between benign traffic and specific attack types</li><li>Achieved 99% accuracy in identifying malicious network patterns using XGBoost</li></ul>	
<b>NLP Cyberbullying Detection</b>   NLP, Python, TF-IDF, Random Forest	2023
<ul style="list-style-type: none"><li>Built NLP system to detect cyberbullying in Algerian dialect with 89% accuracy</li><li>Implemented custom text preprocessing for Arabic and French dialectical variations</li><li>Developed lightweight model suitable for edge deployment on social media platforms</li></ul>	
<b>Semantic Search Engine</b>   Python, BERT, Sentence-Transformers, Streamlit	2022
<ul style="list-style-type: none"><li>Engineered search engine using transformer-based embeddings to understand semantic meaning</li><li>Created Streamlit interface for intuitive user interaction with search functionality</li><li>Improved search relevance by 42% compared to traditional keyword-based approaches</li></ul>	
<b>Medical Prescription Analysis</b>   Python, Scikit-learn, Pandas, Association Rules	2022
<ul style="list-style-type: none"><li>Analyzed 93,000+ medical prescriptions to identify patterns in medication prescribing</li></ul>	

- Applied association rule mining to discover relationships between different medicines
- Created recommendation system for end-users based on prescription patterns

**Network Security Attack Implementation** | *Python, Scapy, Wireshark, Linux* 2022

- Developed practical demonstrations of common network attacks for educational purposes
- Implemented Ping of Death, SYN flooding, and ARP spoofing attacks with detailed documentation

**Tali3 — Library Management System** | *React, MySQL, Java, REST APIs* 2021

- Designed and developed a full-stack application along with my team for tracking book inventory and user borrowing
- Created dashboard with analytics on borrowing patterns and popular book categories

## Technical Skills

---

**Languages & Frameworks:** Python, PHP, JavaScript, SQL, Java, C++, Laravel, Dart, Flutter, React

**Tools & Libraries:** PyTorch, CUDA, TensorFlow, CV2, ROS2, Scikit-learn, Docker

**Database & APIs:** PostgreSQL, MySQL, MariaDB, MongoDB, REST APIs, GraphQL

**Other:** Git/GitHub, Figma, Performance Optimization

**Soft Skills:** Problem Solving, Self-learning, Adaptability, Teamwork, Project Management, Time Management

**Languages:** Arabic (Native), French (Fluent), English (Fluent), German (Basic)

## Leadership & Volunteer Work

---

**President, Skill&Tell Club** 2021 – 2024

*National Higher School of Artificial Intelligence (ENSIA)*

*Algiers, Algeria*

- Pioneered ENSIA's first recognized student club as founding president, empowering students through events, workshops, and community-building initiatives
- Planned and contributed to the organization of over 20 events including hackathons, technical talks, and skill-development workshops
- Mentored successive generations of student leaders and built strong cross-department collaboration
- Fostered a culture of continuous learning and peer support across campus, receiving recognition from faculty and peers for student impact and community engagement