

TAIEB-EZZRAIMI Cherif

AI Engineer | Software Developer | Innovation Enthusiast

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🌐 taieb-ezzraimi-cherif | 🔄 Cherif-TaiebEzzraimi | 🌐 Visit my portfolio

📍 Blida, Algeria

PROFESSIONAL SUMMARY

Highly motivated AI Engineering student with a proven track record of excellence (GPA: 17.34/20) and hands-on experience building innovative solutions. I am driven by an insatiable curiosity to explore emerging technologies and transform complex challenges into elegant, scalable solutions. My passion lies in continuous learning, collaborative problem-solving, and creating impactful applications that push technological boundaries. I actively seek opportunities to work with forward-thinking teams where I can contribute fresh perspectives, rapidly acquire new skills, and help drive meaningful innovation in AI and software development.

EDUCATION

- 🎓 **ENSIA – National Higher School of Artificial Intelligence**, Algiers, Algeria
AI Engineer and Computer Science Engineer (Sept 2023 – June 2028)
GPA: 17.34/20 (3rd year) – Consistently top performer, demonstrating strong analytical and technical capabilities
- 🏫 **Ahmed-Zabana High School**, Blida, Algeria
Secondary Education (Graduated June 2023)
Grade: 18.41/20 – Top 3 in Blida Province

TECHNICAL PROJECTS & INNOVATION

- 💻 **Campus Connect** – *Full-Stack Web Platform*
Engineered a comprehensive online platform to revolutionize dormitory services, improving operational efficiency for both students and administrators. Implemented secure authentication, real-time notifications, and intuitive interfaces for room booking, food ordering, issue tracking, and lost & found management.
Impact: Streamlined campus operations and enhanced student experience through digital transformation.
Tech Stack: HTML, CSS, PHP, JavaScript, SQLite, Modern Web Frameworks
🔗 [View Repository](#)
- 🔒 **Intelligent Server Room Monitoring System** – *IoT & Security Solution*
Developed an advanced security and monitoring system leveraging ESP32 microcontrollers and facial recognition technology. Led system architecture design and implemented real-time monitoring capabilities with web-based dashboard for enhanced server room security.
Impact: Enhanced physical security through intelligent automation and real-time threat detection.
Tech Stack: Flask, HTML, CSS, JavaScript, ESP32, Computer Vision
🔗 [View Repository](#)
- 👥 **ETCollab** – *Team Collaboration Platform*
Built a sophisticated project management and collaboration tool enabling teams to coordinate workflows, track progress, manage tasks, and optimize project delivery in a unified platform.
Impact: Empowered teams to work more efficiently with centralized project oversight and task management.
Tech Stack: Python, React, Django, RESTful APIs
🌐 [Visit Platform](#)
- 🏃 **Athlete Performance Prediction** – *AI/ML Application*
Designed and implemented a machine learning model to forecast athlete performance metrics and generate data-driven, personalized training schedules. Applied advanced AI search algorithms and optimization techniques to maximize performance outcomes while minimizing injury risk.
Impact: Data-driven approach to sports training optimization and injury prevention.
Tech Stack: Python, Scikit-learn, TensorFlow, AI Search Algorithms, Data Analytics

TECHNICAL COMPETENCIES

- **Programming Languages:** C++, C, PHP, Java, JavaScript, Python – Strong foundation in multiple paradigms
- **Web Development:** HTML5, CSS3, JavaScript (ES6+), React, PHP, RESTful APIs, Web Security (SQL Injection prevention, XSS mitigation, Authentication & Authorization)
- **Database Management:** SQLite, OracleDB, MariaDB – Design, optimization, and query performance
- **AI & Data Science:** Data mining & processing, ML algorithms (Classification, Clustering, Association Rules, Anomaly Detection), Data preprocessing & analysis, Model evaluation fundamentals
- **Development Tools:** Git, GitHub, Linux/Unix, Agile methodologies, CI/CD principles
- **Soft Skills:** Critical thinking, Problem-solving, Team collaboration, Fast learner, Adaptability, Project management

ACHIEVEMENTS & RECOGNITION

- 🏆 **2nd Place, NEST Hackathon** – National School of Autonomous Systems
Competed in AI, Robotics, and Web Development challenge. Demonstrated exceptional teamwork, rapid prototyping, and innovative problem-solving under pressure.
[in View Achievement](#)
- 🏆 **Top 3 in Baccalaureate Exams, Blida Province**
Recognized and awarded by the Governor of Blida for outstanding academic excellence.

TEAMWORK & COLLABORATION

Proven track record of thriving in collaborative environments through multiple team-based projects including hackathons, academic initiatives, and open-source contributions. Excel at communicating technical concepts, coordinating with diverse team members, and driving projects from conception to deployment. Committed to knowledge sharing and creating positive team dynamics that foster innovation and mutual growth.

LANGUAGES & INTERESTS

🗣️ **Languages:** Arabic (Native), French (B2), English (C1)

💡 **Interests:** Open-source contribution, Tech communities, Continuous learning through online courses, AI research, Algorithmic problem-solving, Building impactful software solutions

Available for internships, collaborative projects, and professional opportunities