ASMOUN ANOUAR

Computer science student

✉ anouarasmoun8@gmail.com 📞 +33753426598 📍 Marseille ,13005 🔗 Asmoun Anouar

PROFILE

Fourth-year engineering student at Polytech Marseille, currently an R&D intern at C3Lab – Politecnico di Bari, contributing to a browser-native video-conferencing platform with real-time AI agents (speech-to-text, LLM reasoning, text-to-speech). Strong background in AI and Machine Learning; seeking a professional apprenticeship (final-year) to apply AI/ML to industrial challenges.

TECHNICAL SKILLS

- Artificial Intelligence: Python, Machine Learning(supervised/unsupervised/RL),NLP, LLMs,Scikit-Learn,Data Mining.
- DevOps and Cloud : Docker, Kubernetes, CI/CD (GitLab CI), Linux, AWS.
- Software Development: C/C++, Java, JavaScript, HTML,CSS, Node.js, Angular, WebRTC, API REST.
- Databases & Tools :MySQL, MongoDB, Git,GitLab, Postman, tests (Jest, JUnit).

PROJECTS

Rainfall Prediction Classifier
Python, scikit-learn, pandas, NumPy, matplotlib
End-to-end ML pipeline to predict next-day rain (feature engineering, model selection/tuning, cross-validation).
Evaluated with F1/ROC-AUC; delivered reproducible code and exported model .

DevOps To-Do List Application
Node.js, React, MariaDB, Docker, Kubernetes (k3d), GitLab CI/CD, Cypress, Prometheus, Grafana
End-to-end containerization and Kubernetes orchestration. CI/CD pipeline with automated tests (Jest, Cypress), build and deployment; monitoring with Prometheus & Grafana.

Checkers Game
C++,SFML, AI
Implemented Alpha–Beta search for AI opponent.
Graphical interface with SFML.

PROFESSIONAL EXPERIENCE

R&D Intern   06/2025 – present
C3Lab, Politecnico di Bari   Bari, Italy
- Developed a video-conferencing platform integrating AI agents for real-time interaction (transcription, LLM-based reasoning,LangChain, TTS).
- Implemented WebRTC (MediaStream, RTCPeerConnection, DataChannel); signaling, managed A/V flows with STUN/TURN.
- Conducted testing and latency optimization.

Crew Member   08/2024 – 05/2025
McDonald's   Marseille, France
Strengthened customer communication, time management and teamwork in a high-throughput environment.

EDUCATION

Engineering Degree in Computer Science   2023 – present
Polytech Marseille   Marsille, France

Math, Physics & Engineering Sciences   2021 – 2023
Preparatory Classes (CPGE) Ibn Tahir   Errachidia, MOROCCO

ADDITIONAL SKILLS

Languages
French (bilingual), Arabic (native), English (fluent), Italian (beginner)

Interests:
Sports, music, photography, video editing, travel

Soft Skills:
Analytical mindset, autonomy, adaptability, teamwork