

Cédric Brzyski

AI Engineer | Software Engineer

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PROFESSIONAL SUMMARY

Final-year Computer Science Engineering student at EPITA, specializing in Artificial Intelligence and Data Science. Awarded **2nd place overall at the 2026 Mistral AI Hackathon**. Experienced in building agentic AI systems, enterprise LLM applications, computer vision pipelines, robotics software and real-time intelligent applications.

TECHNICAL SKILLS

AI & LLMs Agentic AI, RAG, LLM Orchestration, Hugging Face, LangChain, Vector Databases
Machine Learning PyTorch, TensorFlow, Scikit-learn, Computer Vision, Deep Learning, Reinforcement Learning
Programming Python, C++, C, C#, SQL, JavaScript, TypeScript, Kotlin
Engineering FastAPI, Docker, AWS, Linux, Git, CI/CD, REST APIs, MLflow, ROS2

PROFESSIONAL EXPERIENCES

AI Engineer Intern | Safran, Paris | Feb. 2026 – July 2026

- Designed and deployed agentic AI applications automating internal audit workflows, document analysis and report generation.
- Built modular LLM pipelines and multi-agent architectures with AWS Bedrock, LangChain and FastAPI.
- Developed production-oriented AI tools for executive summaries, findings extraction, document understanding and automated slide generation.
- Collaborated with business stakeholders to transform operational needs into secure and deployable enterprise AI solutions.

R&D Mixed Reality & Software Intern | Inserm, Paris | Sept. 2024 – Jan. 2025

- Developed real-time VR and AR interfaces for medical simulations, connecting physical telemetry with interactive digital environments.
- Optimized low-latency communication and telemetry-processing pipelines for stable real-time processing of multidimensional data.

EDUCATION

EPITA, M.Eng. Computer Science, AI & Data Science | 2021 – 2026

Specialization: Artificial Intelligence & Data Science

Université du Québec à Chicoutimi (UQAC), Canada | 2023

Exchange Semester

Languages: French (Native) | English (C1)

SELECTED PROJECTS

Mistral AI Hackathon | 2nd Place Overall | July 2026

- Extended Mistral's Vibe CLI with production-oriented agent capabilities during a one-day hackathon in Paris.
- Developed `/skills` for reusable agent-skill management and `/vibe-in-chrome`, enabling browser automation, live testing and direct interaction with web applications.
- Implemented local-model discovery and intelligent model routing to optimize model selection, token usage and inference costs.
- Tech: Python, TypeScript, Chrome Extensions, LLM Agents, Mistral AI*

European Defense Tech Hackathon | Offline AI Translation | July 2026

- Built an offline Android speech-to-text translation application for emergency responders operating in environments without network access.
- Integrated on-device speech recognition and language models for private and low-latency multilingual communication.
- Tech: Kotlin, Android, whisper.cpp, llama.cpp, Qwen 2.5*

AMD Open Robotics Hackathon | Autonomous Manipulation | Dec. 2025

- Designed robotic manipulation pipelines combining imitation learning, computer vision and perception algorithms for real-world tasks.
- Optimized inference latency on AMD ROCm for real-time robotic perception and decision-making.
- Tech: Python, PyTorch, LeRobot, AMD ROCm, Computer Vision*

Medical Image Segmentation | Ovarian Cancer | 2024

- Ranked among the top finalist teams out of 40+ participants by developing deep learning models for semantic medical image segmentation.
- Tech: Python, TensorFlow, CNNs, Medical Imaging*

ADDITIONAL INFORMATION

Tennis: French ranking 4/6 | **Interests:** Artificial Intelligence, Robotics, Healthcare Technology, Blockchain, Mixed Reality