

Quentin Brejoin

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Results-driven ML/CVML engineer with expertise in edge-based computer vision, full-stack development, AI, and cloud deployment. Global hackathon winner across 3 continents in Generative AI and blockchain. Seeking a challenging ML internship with innovative teams to drive impact. J-1 visa candidate, does not require sponsorship.

WORK EXPERIENCE

CareCall – Paris, France

SEPTEMBER 2025 – PRESENT

AI Software Engineer - Full Time

Building AI-powered healthcare voice agents at CareCall. Working on conversational AI, multi-agent orchestration systems, backend APIs for medical staff dashboards, and integrations with healthcare platforms (Doctolib, AirCall, calendars).

Full-stack startup environment handling 300,000+ patient calls yearly across medical centers.

- Built an automated testing pipeline to validate AI behaviors and business logic
- Improved AI agents to make appointment booking smoother for patients, with a focus on name and email detection, on voice agents and AI testing.

LumiPlan – Saint-Herblain, France

FEBRUARY 2024 – JUNE 2024

Backend Developer - Intern

Designed and integrated tools for automatic code and documentation generation from OpenAPI and AsyncAPI specs to streamline backend workflows. Developed a custom TypeScript code generator for async communication using Redis Pub/Sub.

- Built an internal app to centralize interface contracts, used daily by 50+ engineers
- Partnered with cross-functional teams to identify and address pain points, leading to increased team efficiency
- Built a code generator to manage synchronous and asynchronous services

PROJECTS

Apple Vision Pro Project - InVisionSF – San Francisco

SEPTEMBER 2024 - AUGUST 2025

Worked with SF mayor office to developed an Apple Vision Pro app to enhance user experience by offering a 3D street view-style map and immersive videos, enabling users to explore San Francisco's landmarks, events, and culture interactively using hand gestures

Pet Disease Detection - PawCare – Paris / remote

FEBRUARY 2024 - PRESENT

Deployed an AI-powered app using YOLO for real-time object detection and PyTorch for training models to analyze pet behavior, trained on 20k+ images. The system recognizes actions like eating or sleeping, and detects emotions such as stress or relaxation

SUGAR network – San Francisco / remote

SEPTEMBER 2024 - AUGUST 2025

Collaboration with Paris D. School over 9 months led to the development of AI solutions aimed at optimizing supply chains for French multinational corporations, using GenAI. The project will be showcased at the SUGAR (Stanford University Global Alliance for Redesign) Expo in June at SAP Palo Alto

HACKATHONS & AWARDS

Hackathon - TechStars Startup Week-End - Nantes, France

2nd place

Creation of René, a real-time fact-checking AI using voice recognition to analyze TV news and political debates

Hackathon - Berkeley AI/Journalism - Berkeley, CA

Public award - top 4

Creation of TwoTruths, an AI that detects biases in web articles by providing arguments for each point of view

Hackathon - ETHGlobal Bangkok - Bangkok, Thailand

\$1500 winner

Creation of Civic.AI, an AI powered autonomous agent that gathers user sentiment and shares feedback on social media

TECHNICAL SKILLS SUMMARY

AI: Object Detection, Image Classification, Vision Language Models, Natural Language Processing, Large Language Models

AI Tools: langchain, Ollama, PyTorch, YOLO, Jupyter notebook, Google Colab, Kaggle

Programming Languages: C/C++, JavaScript/TypeScript, Python, Swift

Library/Framework: Django, Flask, Node.js, Nest.js, Next.js, React/React Native, Terraform, Spring Boot, Apple Vision

Infrastructure: Kubernetes, Docker, Google Cloud

Databases: MySQL, Supabase, MongoDB, Firebase

EDUCATION

EPITECH, European Institute of Technologie – Paris, France

Expected graduation: JUNE 2026

Master of Science in Computer Science - Vice President of the Epitech Student Body

Study Abroad: SAN FRANCISCO STATE UNIVERSITY

AUGUST 2024 - JUNE 2025

Bachelor in Software Development

AUGUST 2021 - JUNE 2024