Innokentiy Vetrov

+33 7 58 29 18 27 — Lyon, France — inno@vetrov.fr

Objective

Aspiring doctoral researcher aiming to specialize in **AI generative models, neuromorphic computing, and efficient inference systems**. Bringing 4+ years of experience bridging **AI applications, DevOps, multimedia processing, and system optimization** at Ooshot. Seeking to contribute to cutting-edge research through a CIFRE PhD focused on **generative video/image inference, neuromorphic acceleration, and computational efficiency**.

Professional Experience

Process & Data Manager ⬩ 2022 – Present
Ooshot — Full-time

- Managed multi-cloud infrastructures (AWS, GCP, OVH, Scaleway) optimized for AI and high-throughput inference workflows.
- Designed and maintained DevOps pipelines (Git, GitLab CI, DockerHub) for rapid deployment of AI services.
- Fine-tuned and operated generative AI models (Llama, Stable Diffusion, Midjourney, RunwayML) for creative production processes.
- Developed automation pipelines (Make.com, Zapier) and integrated APIs (OpenAI, Anthropic) for data-driven audiovisual workflows.
- Installed and managed on-premise compute hardware for private AI experimentation.

Full-Stack Developer — Oosearch Project ⬩ 2022
Ooshot

- Built a hybrid text–image search engine using React, Node.js, PostgreSQL, CLIP embeddings and Pinecone vector DB.
- Led migration to AWS, improving scalability and reliability for inference-heavy workloads.

Data Scientist Apprentice ⬩ 2020 – 2022
Ooshot — Work-Study (IA School)

- Maintained data quality and pipelines (backups, CRM data migration).
- Implemented automation tools (Monday.com, custom scripts) improving team efficiency.

Lead Video Editor & IT Ops ⬩ 2018 – 2020
Clapnclip

- Produced and edited creative video content (Premiere Pro, After Effects).
- Developed automation tools and maintained internal technical infrastructure.
- Supervised junior editors and coordinated production processes.

Skills

AI & Machine Learning: LLM fine-tuning, RAG expertise, diffusion models, DiT, image/video generation, multimodal embeddings, SNN basics.

Cloud & DevOps: AWS, GCP, OVH, Scaleway, CI/CD, Docker, GitLab, system administration, on-premise server management.

Software Engineering: JavaScript, Node.js, Python (basic ML), React, SQL, API development and automation.

Data & Infrastructure: Data governance, backup systems, CRM administration, workflow automation.

Creative & Multimedia: Premiere Pro, After Effects, content pipelines, creative direction support through AI tools.

Soft Skills: Mentoring, communication, analytical thinking, cross-team coordination, autonomy, rapid learning.

Education

IA School (Paris, France) ⬩ 2022
Master's Degree in Artificial Intelligence & Management (RNCP Level 7)

Lycée Isaac Newton (Clichy) ⬩ 2017
Scientific Baccalaureate (Specialization in Computer Science & Digital Sciences)

Languages

French (Bilingual) — Russian (Native) — English (Fluent)