

Knowledge and Technical Skills

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| Languages | Python, Java, JS/TS, SQL, C, C++, ASM (x86-64, ARM) |
| Frameworks | PyTorch, TensorFlow, OpenGL, SDL2, Pygame, Tailwind CSS |
| System Admin | Unix (Linux/*BSD), Shell scripting (bash/sh/csh/zsh) |
| Hardware | Digital Logic, Hardware Design |
| Neural Networks | LLMs, TTS, Text Classification, Speech Generation |
| APIs | Unix sockets, Telegram Bot API, Discord Bot API |

Personal Projects

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| Open-source Projects | Contributed to several open-source projects. |
| LLM Training | Trained and evaluated LLMs for TTS, text classification, and speech generation applications. |
| AI Research | Research in simulating digital life using frontier AI techniques like Genetic and Differential Neural Networks. |
| AI Alignment | Socio-political research on AI alignment and bias mitigation (research paper). |

Relevant Experience

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| Current | AI R&D , <i>Unsuspecting Industries</i> , R&D Department Working on AI research and development. |
| 2024 | Freelance AI engineering , <i>Direction de l'Accélération et de l'Innovation (DAPI)</i> , Radiofrance Developed AI applications and models in a freelance capacity. |
| 2023 | Research Internship , <i>University of California, Santa Cruz</i> , Santa Cruz, CA Worked on AI and 3D face models (published paper). |
| 2021 | Internship , <i>Laboratoire Matériaux et Phénomènes quantiques (CNRS / Université Paris Cité)</i> , Paris, France Looked at complicated machines and listened to smart people. |

Education

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| Current | École Normale Supérieure (ENS) , <i>Lyon, France</i> , Student of Physical sciences, Economics and Mathematics. |
| Current | Aix-Marseille Université , <i>Marseille, France</i> , Student in Mathematics and Computer Science |
| Past | Lycée Racine , <i>Paris, France</i> , Computer Science and Math major. |

Additional Information

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| SAT | 1480 |
| TOEFL | 105 |
| Baccalauréat | Très Bien |