Timothé Pearce

Software & NLP Engineer

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💼 WORK

FREELANCE
2023-2024

SOFTWARE & NLP ENGINEER

Builded various products for clients ranging from startups to corporate banking:

- Speech-to-text and data extraction pipeline for a call center (Whisper, Pyannote, BERT, SpaCy)
- Internal search engine indexed with 4TB of documents (Topic modelling, embedding models, vector database, BM25, semantic search)
- RAG pipeline (LLMs, Llama index, Langchain, sentence-transformers, Mixtral)

NEWFUND
2021 - 2023

CTO

Created and managed the first tech team of the fund and led the development of internal products (CRM, data aggregators, dashboards and third-parties connectors). • Improved the sourcing process of new startups by reaching 80% coverage • Performed technical due diligence (SaaS & AI/ML products) with founders for the fund's investment committee.

POLARIA
2018 - 2021

CO-FOUNDER & CTO

Created a SaaS providing a chatbot builder platform to +1 million users. • Hired and managed a product team of 8 people focused on the product design and development. • Managed an R&D team on NLP (LLM, intent detection, Dialogflow, conversational UX). • Deployed chatbots for +60 clients reaching 550k€ (ARR).

EVANEOS
2017 - 2019

FULL STACK DEVELOPER

• Developer in a +40 product team owning the public website (+8 millions users/month) • Focused on the website experience, back-end reliability (refactoring, tests coverage, TDD) and legacy containerisation • Developed on my own an MVP and later on as a team lead, a multilingual chatbot on main landing pages, enhancing the conversation rate and UX on mobile devices.

🎓 EDUCATION

HETIC & EFREI
2014 - 2019

MASTER'S DEGREE IN COMPUTER SCIENCE (ENGINEERING)

• Valedictorian two years in a row. • Major in Big Data. • Focused on product development, software design and database. • Co-president of 'Efrei Linux' student association.

PARIS CONSERVATORY
2011 - 2015

PIANO CONCERTIST DEGREE

• Piano classes in classical & jazz music, composition, harmony and improvisation. • Half-time piano and mathematics teacher. • First price at national piano competition 'Edel Latos'.

🛠 SKILLS

LANGUAGES & DATABASES

Python, JavaScript, NodeJS, PHP, PostgreSQL, MongoDB

LIBRARIES

SpaCy, Transformers, Jupyter Notebook, Scikit-Learn, Pytorch FastAPI, Laravel, VueJS, TailwindCSS, Ray

CLOUD & DEVOPS

AWS, GCP, Docker, Kubernetes