ML Researcher - Internship - September 2024

CONTEXT

Gatewai is a legal tech founded by an experienced lawyer and and experienced AI engineer, who have combined their expertise to accelerate legal work and make law more equally accessible to everyone.

We develop Copilex, a Legal AI assistant that reduces by an order of magnitude the time required to perform long and complex legal tasks. Copilex's mission is to relieve legal practitioners from systematic and routine tasks to allow them to focus their expertise on the most strategic aspects of their work. This is achieved by using LLMs and other AI techniques to create a tailor-made system compatible with lawyers' high standards.

In particular, Copilex focuses on contract analysis, which involves in-depth analysis of legal documents to ascertain precise terms, rights and obligations, and associated risk factors for its parties. This labor-intensive and time-consuming process, normally conducted by experienced legal practitioners, has a high risk of human error which can result in significant consequences in terms of liability and potential financial losses.

We are quickly improving Copilex's contract analysis features with the help of our first clients and partners, and are looking for adding members to our ML expert team to accelerate this development.

MISSION

We are looking for a trainee ML researcher to help us improve the evaluation and the performance of our AI assistant in real-world contract analysis scenarios.

With guidance from our CTO (a PhD in AI), you work will be to:

- Review literature of ML applied to contract analysis tasks

- Collaborate with legal professional to understand their contract review practice and how AI can assist them

- Improve our datasets and benchmarks for contract analysis tasks

- Propose new architecture ideas (fine-tuned models, agentic workflows, ...) and conduct experiments to benchmark them

PROFILE

This job is for you if:

- You have a strong theoretical foundation in Machine Learning

- You are fully operational in Python and familiar with data science tools like numpy, scipy or pandas

- You have a scientist mindset and work rigorously

- You have a pragmatic and iterative approach to problem-solving, prioritizing quickly deliverable solutions over theoretical perfection

- You are proactive in your communication to your team, and know how to solicit help from others when needed

- You like a startup environment with huge perspectives, challenges, and moving fast!

Nice to have:

- Practical experience with LLMs and MLOps tools such as LangChain

- Practical experience with training NLP models and using frameworks such as spaCy

- Interest in Legal AI and legal reasoning

INFORMATION

- Contact: didier.marin@gatewai.tech

- Position: 4 to 6 months internship

- Place: Paris

- Availability: September 2024

- Compensation: 1850€ brut / month

- Remote work policy: partial remote up to 4 day/week

- Possible post-internship recrutement if there is a mutual fit

WHY GATEWAI?

- An experienced founding team, on both legal and AI expertise, with prior experience building a successful AI startup

- A challenging and ambitious project: dive deep into the frontier of current AI technology and aim to fundamentally change how legal work is done

- A small team with many growth opportunities

- Real world impact: helping lawyers' productivity contributes to making justice more accessible to all

- Flexible schedule and work conditions