

IDP AT ARCTIS

We are building an AI-native contract lifecycle management platform for industries like construction, energy, and telecom.

Join us at day zero and help turn this vision into software.

What we offer:

- Early-stage start-up ownership: shape the product, tech stack, and culture from day one.
- Direct exposure to the fund-raising process and the chance to become our first full-time engineers after the IDP.
- Work experience in a start-up supported by EWOR (Europe's Y Combinator) with an acceptance rate of only 0.1%.

We are looking for 2-4 students to join us as AI/LLM Pipeline Developers and Full-Stack Developers to help build our product.

AI/LLM DEVELOPER

Your Profile:

- Master's student in CS, AI, Data Science, or related field.
- Strong Python programming skills.
- Solid ML/AI/NLP fundamentals (incl. embeddings, experience with LLMs like Gemini/Claude).
- Familiarity with AI/ML frameworks (e.g., Haystack, Langchain).
- Understanding of database concepts (SQL and Vector DBs like Supabase Vector/pgvector).

Your responsibilities:

- Develop core AI/ML pipelines (Python, FastAPI, Haystack) using LLMs for analyzing complex documents/data.
- Design & implement data processing workflows, including effective embedding strategies.
- Manage vector data storage and retrieval (using Supabase Vector/pgvector).
- Contribute to developing AI-driven features and agent capabilities.
- Collaborate on relevant backend development and API design for AI services.

FULL-STACK DEVELOPER

Your Profile:

- Master's student in CS, AI, Data Science, or related field.
- Strong Python programming skills.
- Experience with modern frontend frameworks, specifically React.
- Experience with backend development (e.g., Python with FastAPI).
- Good understanding of REST APIs & database concepts (SQL, e.g., Postgres).
- Familiarity with cloud platforms/BaaS (preferably Supabase - Auth, DB, Realtime).

Your responsibilities:

- Develop and maintain the user-facing CLM web application using React.
- Build and maintain backend services and REST APIs (Python, FastAPI).
- Manage application data and user authentication using Supabase (Postgres, Auth, Realtime).
- Integrate frontend components with backend APIs and databases.
- Collaborate on API design and overall application architecture.

The exact scope and focus will be defined with the students based on their skills, interests, and preferred learning goals.

Send your latest resume to:  dila.ekrem@tum.de

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