

Using AI (NLP/NLU) to understand documents



ABOUT RENTCARD

Rentcard is a fast-growing tech startup from Munich with the vision to revolutionize rental applications with fast, fair, and data-driven technology for a more equitable housing market. Our proprietary software drives fairness and efficiency for tenants, agents and landlords in Europe and beyond. We are a team of serial entrepreneurs and tech veterans, passionate about making the tenancy process as easy as booking a hotel.

SETTING AND GOALS OF THE IDP

We are looking for **up to three Computer Science students** to support us part-time or full-time in assessing the potential of natural language processing for evaluating user-submitted documents with varying structures. The IDP will address the following questions:

- **Step 1: Core system:** How can we build a core system to retrieve pre-defined data points from diverse documents without knowing the document structure in advance
- **Step 2: Flexible questions:** How can we make the system flexible for heterogeneous requests, not known at the time of implementation
- **Step 3: Integration:** How will our existing systems interact with this system most efficiently?

WHAT WE OFFER

- You can **work with any cutting-edge tools** you feel are appropriate; We are **super open** about your **ideas** and **technical approach**, there are no taboos or restrictions
- **Mentoring** from our **senior IT team and the founders**, getting as much or as little input as you feel you need to get the job done
- Office in the heart of Munich (within Munich Urban Colab)
- **High flexibility** in working hours, remote / home office possible
- Supervision of the IDP by the Chairs of Entrepreneurial Finance
- Opportunity to **continue with us** on our journey **after your IDP**

WHAT YOU BRING TO THE TABLE

- Motivated to create something new
- Enthusiasm for (and preferably previous experience with) machine learning and artificial intelligence, especially NLP
- Experience with programming python
- (Preferably) previous work experience in a startup, corporate or research institute
- Fluent in either German or English

If this sounds interesting to you, send your CV plus a short motivation statement to martin@rentcard.id or drop me a short email in case of questions.

We are looking forward to meeting you!