

– Nutrition suggestion AI agent

Revolutionize nutritional research through the power of AI and personalized dietary insights



About Us

XcellentDiet is an AI-powered digital health solution delivering personalized nutrition and multimodal therapy for patients with obesity and diabetes. We are the first to combine precise portion estimation with evidence-based, AI-driven nutritional guidance – fully aligned with Germany's Digital Health Application (DiGA) regulatory framework.

What We Expect

Education:

Bachelor's or Master's degree in Computer Science or a related field.

Experience:

- Experience in AI, NLP, LLMs, RAG, or nutrition-related domains is a plus.
- Proficiency in Python, Hugging Face, Ollama, and LangGraph.
- Front-end development skills are a bonus.

Skills:

A collaborative mindset with excellent communication skills in English (German will be a plus).

Interested?

Apply as an individual or as a 2-5 team.
6 months part-time | Remote | English

Send your CV and relevant references to **Tian:**
M. Sc. Tianxing DU (tianxing.du@tum.de)

Or visit us at:
ZIEL Institute for Food & Health (www.ziel.tum.de)

What to Expect

- ✓ **Nutrition Reasoning:**
Understanding the logic and methodologies nutritionists use to assess patients and deliver recommendations.
- ✓ **Agent Design:**
Designing AI agents or workflows using frameworks like LangGraph.
- ✓ **Performance Optimization:**
Developing tools and enhancements to improve agent performance.
- ✓ **Dataset Curation:**
Building a high-quality nutrition advice dataset for training and evaluation.
- ✓ **System Evaluation:**
Continuously evaluating and refining the system to ensure accuracy and effectiveness.