The Chair of Artificial Intelligence for Dynamical Systems offers a position as a **student assistant** in the field of Applied AI on the following topic:

Game Development and applied Artificial Intelligence (AI) for Training of First-Aid Methods

Description

As part of the EU-funded research project **B-prepared**, we are developing an AI-powered dialogue system to support civilians' training in delivering **first aid during emergencies**.

This entails developing a **dialogue agent** that closely follows emergency call protocols using natural language processing, machine learning, and symbolic artificial intelligence. Furthermore, a **Serious Game** / simulation environment is in developed for demonstration, data collection, and validation of the agent.

We seek a motivated working student to join us and make a meaningful contribution.

Possible Tasks
- Development of Software and Game components (UE5)..
- Data Science and machine learning on speech recordings and dialogue transcripts.
- Software development for different components (Server, Database, Voice Chat, ...).
- Implementation of dialogue sub-sections based on official guidelines.
- General project contributions, including research, testing, and documentation.

Requirements
- Programming experience in at least one programming language (Python, C++).
- Interest in learning about various areas of software development and data science.
- German language skills are an advantage but not required.
- Currently enrolled as a student at a German university.
- Must be able to work on-site in Neubiberg near Munich for one year.

Our Offer
- Hands-on experience in AI and game development.
- A collaborative research environment at the University of the Bundeswehr Munich.
- Flexible working hours (19 hours per week) to accommodate your studies.
- Subsidized meals at the university cafeteria, three times per day.
- Bike sharing to reach the university easily from nearby train stations.
- Access to well-equipped sports facilities and variety of courses.
- Hourly salary of €13.83 / €12.82 (Master students / Bachelor students).

Contact
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