

The **Konrad Zuse School of Excellence in Reliable AI (reIAI)** aims to train future generations of artificial intelligence (AI) experts, who for the first time combine technical brilliance with awareness of the importance of AI's reliability.

Applications for the reIAI PhD program are now open

The current technological revolution is largely driven by spectacular progress in AI. Yet, although the huge potential is widely recognized, the lack of a reliable AI technology whose fundamental bases are safety, security, privacy, and responsibility, is still considered a serious issue of concern, limiting its adoption both by industry and society at large.

The reIAI program focuses on the mathematical and algorithmic foundations of reliable AI along with domain knowledge in three core application areas for which reliable AI methods are most urgently needed: medicine & healthcare, robotics & interacting systems, and algorithmic decision-making.

The reIAI school is embedded in the unique transdisciplinary Munich AI ecosystem, combining the expertise of the two Universities of Excellence **Technical University of Munich (TUM)** and **Ludwig Maximilians University of Munich (LMU)** and closely integrates various AI Centers of leading universities worldwide and industry partners.

What the reIAI PhD program offers

The novel, innovative PhD reIAI program offers a cross-sectional training for successful education in AI including scientific knowledge, professional development courses and industrial exposure, providing a coherent, yet flexible and personalised training.

Funded applicants will receive a **full salary for three years**, including social benefits (TV-L E13 of the German public sector). They are further supported by **travel grants**, e.g. for conference attendance, research stays or home travel. Doctoral students are hosted by a [reIAI Fellow](#) who helps them to **define their research project**. Depending on the affiliation of this hosting fellow they enrol at TUM or LMU.

Eligibility

Applicants should have

- an excellent master's degree (or equivalent)* in *computer science, mathematics, engineering, natural sciences* or *other data science/machine learning/AI related disciplines*;
- a genuine *interest* to work on a topic of *reliable AI* covering aspects such as safety, security, privacy and responsibility in one reIAI's research areas Mathematical & Algorithmic foundations, Algorithmic Decision-Making, Medicine & Healthcare or Robotics & Interacting Systems;
- certified proficiency in English.

How to apply

We refer interested candidates to the [reIAI website](#) for more information about the application process and access to the application portal.

Deadline for applications is **January 15th, 2024 (23:59 AoE)**.

*If you are still studying for your master's degree you may send a bona fide statement/transcript from the university, stating the examination marks already obtained. In addition, you will have to finish your master's studies before starting the PhD.