



Huawei's Munich Research Center is responsible for advanced technology research, architectural development, design and strategic engineering of our products.

Join us as a

Research Intern/Master Thesis/Working Student for Safe Generative AI (m/f/d)

We are seeking a highly motivated and skilled Research Intern to join our dynamic team, focusing on the safety of generative AI, e.g. Large Language Models (LLMs). This internship offers a unique opportunity to contribute to cutting-edge research in the field of artificial intelligence, specifically in understanding, improving, and evaluating the reliability and robustness of the latest generative AI models.

Your mission

- Conduct comprehensive research on generative AI safety with a focus on assessing, enhancing, and validating their reliability and robustness in various applications.
- Develop and implement innovative methodologies to test LLM reliability under diverse conditions and datasets.
- Collaborate closely with a multidisciplinary team of researchers, data scientists, and engineers to integrate findings into the development of more reliable LLM frameworks.
- Analyze and interpret complex data sets, utilizing advanced statistical and machine learning techniques to understand model behaviors and identify potential reliability issues.
- Stay abreast of the latest advancements in Safe AI for DNN, Vision Transformers (ViT), and Diffusion Transformer (DiT) etc., applying this knowledge to improve LLM reliability.
- Prepare detailed reports and presentations on research findings for both technical and non-technical audiences, contributing to research papers, patents, and other publications as required.

Your areas of expertise

- Currently enrolled in or recently graduated from a Master's or PhD program in Computer Science, Artificial Intelligence, Machine Learning, or a related STEM field, Bachelor students with excellent academic records will also be considered.
- Solid understanding and hands-on experience with Deep Neural Networks (DNN), Vision Transformers (ViT), Data-Intensive Text (DiT), and other advanced AI/ML models.
- Strong foundation in the mathematical principles of learning, including but not limited to statistics, probability, linear algebra, and calculus.
- Proven ability to conduct independent research and problem-solving skills in the field of AI and machine learning.
- Proficient in programming languages commonly used in AI research such as Python, and familiar with AI/ML frameworks like JAX or PyTorch.
- Excellent communication skills, with the ability to present complex technical information clearly and concisely.
- Demonstrated ability to work collaboratively in a team environment and to engage with external research communities.

http://career.huawei.com/reccampportal/portal/hrd/weu_rec_all.html

Huawei is a leading global information and communications technology (ICT) solutions provider. Driven by a commitment to operations, ongoing innovation, and open collaboration, we have established a competitive ICT portfolio of end-to-end solutions in Telecom and enterprise networks, Devices and Cloud technology and services. Our ICT solutions, products and services are used in more than 170 countries and regions, serving over one-third of the world's population. With 197,000 employees, Huawei is committed to develop the future information society and build a Better Connected World.