

Hafiz Muhammad Ali Saeed

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Fraunhofer Institute for Cognitive Systems IKS

Hansastr. 32

80686 München, Germany

Subject: Application for Working Student / Internship Position in Dependable Person Detection
(Requisition Number: 80012)

Dear Dr. Matic-Flierl,

I am writing to express my strong interest in the working student / internship position in the field of dependable person detection at Fraunhofer IKS. Currently, I am pursuing a Master's degree in Software Systems Science at the University of Bamberg, where I am developing a deep academic and practical foundation in AI, deep learning, and intelligent systems.

With a solid background in computer science and hands-on experience in object detection algorithms such as YOLO and Faster R-CNN, I am particularly fascinated by the safety-critical applications of AI, especially in autonomous systems. I find Fraunhofer IKS's mission—advancing cognitive systems and intelligent software architectures for the benefit of society—deeply aligned with my career goals and values.

My current university projects involve building Retrieval-Augmented Generation (RAG) systems, working with Hugging Face transformers, FAISS vector databases, and Streamlit dashboards for visualizing model performance. I also have hands-on experience with Python, PyTorch, and OpenCV, and am currently exploring 3D object detection and sensor fusion as part of my coursework and independent research.

I am especially excited about the opportunity to systematically study and benchmark the dependability of person detection systems in real-world scenarios. I see this role as a perfect intersection of applied research, safety analysis, and innovative AI applications—providing me with a unique learning environment to grow both technically and professionally. Being available to work onsite in Munich 1–2 times per week is fully feasible for me.

Thank you for considering my application. I am enthusiastic about the possibility of contributing to your research efforts and would welcome the opportunity to discuss how my background, skills, and interests align with the goals of your team.

Sincerely,

Hafiz Muhammad Ali Saeed

