Mohammed Sedeg
AI Engineer , Researcher & Educator
Turkey (open to relocate)

Date: 22 Jul 2025

To:
Hiring Committee
College of Computer and Cyber Sciences (C3S)
University of Prince Mugrin
Madinah, Saudi Arabia

Subject: Application for Teaching Assistant – AI / Mechatronics / Robotics

Dear Hiring Committee,

I am excited to apply for the Teaching Assistant position in Artificial Intelligence, Mechatronics, and Robotics at the University of Prince Mugrin. Holding a Master's degree in Mechatronics with a specialization in Deep Learning, alongside a Bachelor's degree in Electrical Engineering, I bring a strong academic background coupled with extensive practical experience in AI, machine learning, and robotics.

In addition to my current role as an AI Engineer at VisionCore, I have provided private courses in mathematics, programming, and AI-related subjects, which has refined my teaching skills and deepened my ability to explain complex concepts clearly. I have also collaborated on AI research projects such as *Solaris*—an end-to-end solar radiation forecasting project [Solaris](#) I contribute to both research and development efforts.

Beyond individual projects, I have led and mentored students to successfully participate in Technofest competitions focusing on AI and robotics, fostering teamwork and innovation. My personal projects, including *[MyLLM](#)* , *[SilvaXnet](#)* & [P2C](#), demonstrate my expertise in deep learning frameworks and reflect my commitment to advancing AI education and research.

I am confident that my combination of teaching experience, hands-on project collaboration, and mentorship aligns well with the responsibilities of this role. I am motivated by the opportunity to contribute to the University of Prince Mugrin's mission to deliver cutting-edge AI education and practical skills to its students.

Thank you for considering my application. I look forward to the opportunity to discuss how I can support your department and help cultivate the next generation of AI and robotics experts.

Sincerely,
Mohammed Sedeg