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Gif-sur-Yvette, December 14, 2024

Recommendation Letter

Dear members of the recruitment jury for a Phd thesis,

It is with great pleasure that I write this letter of recommendation for Ali Ahmadi, who completed his Master thesis under my supervision at the LURPA Laboratory of ENS Paris-Saclay. As the Head of LURPA, I had the opportunity to closely observe Ali's work, and I strongly support his application for a PhD or research position.

During his time with us, Ali worked on a challenging and innovative thesis project focused on training reinforcement learning agents using deep learning models, specifically LSTM architectures, to simulate and improve exoskeleton movements. The goal was to make these movements smoother and more efficient—a critical problem in robotics and assistive technologies. His work showed a great balance of theory and practical application, demonstrating his ability to connect complex ideas with real-world problems. The simulation results generated from real data from the exoskeleton gave very encouraging results.

Beyond his seriousness, Ali Ahmadi is a persevering student who does not shy away from difficulty and is motivated by research. In addition, he is a sociable and respectful student who is perfectly capable of working in a team.

All of these reasons make me think that Mr. Ali AHMADI has all the intellectual and human qualities to continue his academic career with a Phd thesis.

Pr. Olivier BRUNEAU Gif-sur-Yvette, December 14, 2024

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