



TO WHOM IT MAY CONCERN

Recommendation Letter for Dr. Osama Elshazly

17 July, 2020

I have known Dr. Osama Elshazly since September 2012 when he started his PhD program at Egypt-Japan University of Science and Technology (EJUST). His educational background and qualified master research work supported him for a PhD study, fully supported from Egyptian government, at Mechatronics and Robotics Engineering Department (MTR), EJUST. During his PhD program, I was an adjunct Associate Professor to MTR Department and I co-supervised his PhD research work of the theme "Skid steering mobile robot modeling and control". He also participated in the project "Robot Navigations in Deserted Areas for Landmines Detection", a mobility-cooperative project among some researchers of both EJUST and Catania Universities. He also contributed to the organization of the cooperative workshop "Robotic technologies for humanitarian Landmine Detection" arranged among the members of the project stated above.

Osama was an excellent PhD student. His thesis was one of the most interesting research work in the department and clearly exemplifies the diversity in control of mobile robots' research. In an effort to explore the control of mobile robot in an unstructured environment, his research employed different intelligent and optimized motion control techniques to a skid steering mobile robot. For the three years during which I have supervised Osama, it is clear that he is extremely knowledgeable. He has excellent capabilities of both the theoretical and the practical aspects in robotics research. He can formulate an initial problem, propose methods and algorithms for its solving. His capability in programming, simulation and experimental work is considerable. He has a high potential to research work. I expect for him a promising future.

Osama highly respects his professors and colleagues. He is serious, ambitious, dedicated, willing to learn. He is able to adapt himself to new places, cultures and environments. He is well organized and deals with his tasks and deadlines carefully. He is a cooperative person and able to work in a group and/or lead a group. He is a hard worker and does not give up easily when facing new challenges or difficult problems. He is patient enough to deal with complicated problems dividing it into small detailed tasks. Osama's presentation skills are excellent and ideally suited for both the academic and corporate settings. He is extremely service centric, and this would support his duty in teaching as well as research.

So, I strongly recommend Dr. Osama Elshazly for an academic position at your institution. I feel confident that he will be a great addition.

If I can be of any further assistance, or provide you with any further information, please do not hesitate to contact.

Sincerely,

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Dear Respected Committee.

I am more than happy to present this recommendation letter to you for Dr. Osama Elshazly Habib as your next Assistant Professor. As a student Dr. Osama was inquisitive and always looking for innovative solutions to even the most basic issues. That inquisitive nature translated very well into his career as an educator and he is prepared to move into being an assistant professor.

While Dr. Osama was finishing his studies under my supervision I found that students reacted extremely well to his methods. He would engage students and elicit reactions to material that students would normally not react to. His educational process resulted in a very high rate of students who passed our class and I attribute much of that to Dr. Osama.

Dr. Osama is also extremely dedicated to the concept of education. He feels a strong sense of responsibility to the students in his classes and he takes their success very personally. While this should be a fault for an educator Dr. Osama has an amazing sense of restraint and balance that allows this to work in his favor.

As an assistant professor Dr. Osama would be a valuable addition to your faculty. I am available if you need further information. Please feel free to call me at 0109 224 3079 or email me at dralbardini@el-eng.menofia.edu.eg.

Sincerely Yours

Prof. Mohammed A. El-Bardini

Mohammed Elbardini

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