



التاريخ: 14 / 07 / 2020

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Dear sir/madam,

I understand that Ms. Rahaf haitham Omar Abu Hara is applying for your esteemed university. I have come in contact with Ms. Abu Hara in an academic environment during her study at the Hashemite University, and I was her advisor in the underwater ROV design and build competition. I hope this letter sheds more light on her potential.

From an academic standpoint, Rahaf is the type of student any professor would want in his or her class. She is a top performer in practically every class she's taken, and she brings to the classroom, in addition to a sound engineering judgment, a level of understand and care for the subject that is rarely paralleled.

I would like to specifically highlight her leadership, technical and design skills as I closely observed them particularly through her involvement in a major engineering project.

Rahaf and ten other senior students from the departments of mechatronics, mechanical, and electrical engineering won the CAFD funding to build and participated in the internationally renowned competition of underwater Remote Operated Vehicles (ROV) hosted annually by Marine Advanced Technology Education (MATE). The team was tasked with designing, building and controlling an ROV which completes in a set of predetermined tasks that simulate conditions in the ocean.

Rahaf, worked closely and efficiently with other members in order to secure the funding for the project, order necessary parts from abroad, design and assemble the ROV, identify problems, develop a workable set of specifications prior to and during design and assembly, and prepare the necessary reports and presentations.

The team was able to overcome substantial challenges and ordeals. Such heavy load undoubtedly puts any student under considerable pressure. Yet, they were able to assemble and test the ROV in a relatively short time. I was particularly pleased with the detailed description of anticipated and actual problems with the project and the solutions proposed and implemented mainly by Rahaf and her colleagues to overcome them.

The team unfortunately did not participate in the 2020 ROV competition because it was canceled due to the COVID19. However, the team finished building the ROV and hopefully they will be able to participate next year.

In conclusion, it is with great honor and privilege that I can recommend this bright young student to your institute. Throughout the years Rahaf never let me down, I am sure she will not let you down either.



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Yours truly,

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