Dear Sir/Madam,

Hereby I send you a reference letter for Nour eldin Ahmed Talaat. I have known Nour eldin for three years as his professor, and mentor, and as responsible for the graduation projects. Nour has taken the following courses I taught:

● Computer programming and problem solving (2nd term course. This is an elementary programming course. It introduces the basic programming principles and their applications. The course ends with an introduction to object-oriented programming. His team’s project was to implement a console car game using C++.) Nour received a grade of “C” in this course.

● Data structures and algorithms design (3rd term course. This course includes the main types of data structures including lists, stacks, queues, trees and graphs with their different types and implementations, the basic types of algorithms and data structures along with their complexity, and use in problem solving. His team’s project was to implement a maximum flow algorithm and take advantage of it in an application. They have implemented Dinic’s Maximum Flow Algorithm and the necessary data structures, and have used it to build a simple Image Segmentation application.) Nour received a grade of “B-” in this course.

● Data analysis and algorithms (4th term course, this course includes a deeper study about the algorithms, their implementation, their applications and their complexities, His team’s project was to solve the weighted job scheduling problem with different algorithms and compare their complexities and efficiencies, Write a Research paper on Overleaf with IEEE format.) Nour received a grade of “A-” in this course

He has achieved excellent results in these courses – passed all proposed tests, and practical works and showed excellent knowledge of both practical and theoretical material. This is evidenced by His marks. Nour showed great interest in the subjects, was actively participating in the lectures, and showed willingness and ability to study material beyond the limits of the courses.

As Nour’s professor and mentor, I can tell that he has proved to have a divergent, abstract thinking style, native intelligence, and good problem-solving skills, along with good interpersonal skills and leadership qualities. He also has abilities to handle conflicts and work in a team, which came to be important in all projects.

Nour regularly helps in everything that is asked to do. He showed Himself as a reliable, ready-to-help person with a good ability to communicate with others. He was willing to tutor younger students at the University at my request, He also co-assisted in some of my classes, and I received positive feedback on his performance in both cases. Based on my professional experience, I evaluate Nour as an intelligent, respectful, purposeful, and initiative person and recommend him for acceptance to the chosen program.

I believe that she will perform well in the chosen program and will prove to be a great value to your institution. I am also convinced that the program he chose at your institute will be a great opportunity for him to further develop his abilities in scientific and research areas. Please feel free to contact me if you need further information.

Sincerely,

Dr. Ashraf AbdelRaouf

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