

Letter of Recommendation

It is my pleasure to write a recommendation letter for Dr. Shymaa Arafat. I have known Shymaa since 1993 in my capacity as a professor and a former head of the Computer and Systems Engineering Department, Faculty of Engineering, Alexandria University. Shymaa was my student. I taught her "Systems Programming" at the undergraduate level and "Advanced Studies in Databases" at the postgraduate level. Shymaa showed an outstanding performance at both courses. I also joined Professor Ahmed Belal in supervising her M.Sc. Thesis, entitled "An Efficient Parallel Sample Sorting Algorithm", where she showed dedication and a high potential for research. This was evident in her Ph.D. thesis, entitled "Operating on Optimal Binary Code Tree". I was not an official member of her Ph.D. examination committee, but her main supervisor gave me a copy of her thesis and invited me to attend her defence. I can confirm that her research was of high quality. Moreover, it showed that she is talented at both big picture ideas and executing the small details.

Shymaa and me kept in touch after her B.Sc. graduation. This gave me a chance to observe the development of her skills. Shymaa has high research skills and outstanding teaching capabilities. She has also a strong sense of belonging to our department. When she knew that we have a shortage of TAs, she willingly volunteered as a part-time teaching assistant for a number of courses. This happened from fall 1994 to 1997, although she was working at that time as a research assistant at Mubarak City. Shymaa has high communication skills and a pleasant personality. Our students liked her and she could communicate the information to them easily.

I observed the progress of Shymaa since she started a new career as a lecturer assistant at the Computer Science Dept., Faculty of Computer and Information Sciences, Ain Shams University. Through her achieved Ph.D. degree, dedicated teaching and high quality research, she became a full-time associate professor at the same department. Shymaa has been always passionate about computer science/engineering. She is self-motivated and she is always excited to work on something new and explore new challenges. This is evident from the recent Massive Open Online Courses (MOOCs) she studied and the research she conducted.

In Summary, Shymaa is an intelligent, hard-worker, dedicated person with high research skills and outstanding teaching capabilities. She has high ethical standards and integrity. She can work independently and she is also an excellent team player. Her English language is fluent. She can communicate her ideas very well in written and spoken English. I strongly recommend her for a position at your reputable institution.

Sincerely,

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