

# #MeetOurSTEMAmbassadors

We have so many amazing volunteers and we'd like you meet them!



| About me  |   |  |
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| <b>Name:</b>  | Maryam Sebzali  | <b>Photo:</b><br> |
| <b>Location:</b>  | Manchester  |  |
| <b>Job/course title:</b>  | MSc Thermal Power and Fluid Engineering student   |  |
| <b>Organisation:</b>  | The University of Manchester  |  |
| <b>Fun fact about me:</b>   | When I am having a conversation with new people or new friends, I always ask what is your goal in life. |  |
| <b>Education/career journey:</b>  |   |  |
| <p>I attended Bibi Al-salem secondary school back home in Kuwait, where I studied maths, physics, chemistry and English. After graduation, I got a scholarship to proceed with my education in the United Kingdom. My passion for physics in school inspired me to choose engineering as a major for my future career. Also, in high school, I joined a summer course at KISR (Kuwait Institute for Scientific Research), where I interacted with many engineers and researchers. That helped me to understand my career path more and helped me to progress with Mechanical Engineering. I decided that I wanted to study abroad at the University of Nottingham in the United Kingdom, to be more independent, develop different skills and explore different cultures. During my first year, I joined the internship programme for university students at KISR as well, to discover the research area and workplace more. In my final year, I took optional modules in energy and heat transfer, and realised that I want to proceed with further education, such as a master's degree in energy. I aim to develop the energy sector and improve the efficiency of energy devices such as heat exchangers and wind turbines.</p> |   |  |



Nice to get to know you!

### Your current job role:

Currently, I am doing a master's degree in thermal power and fluid engineering at the University of Manchester, where I carry out investigations on power generation and fluid behaviour. As a master's student, most of the time, I read online articles and papers related to energy, fluids, and heat transfer. Also, I work with groups on engineering projects, such as those related to increasing the effectiveness of a specific engineering process or device.

### STEM Ambassador role:

When I was in secondary school, I had to do a lot of reading and reach out to people to help me decide my career path, therefore I wished there was a platform that helped and guided me. Once I heard about STEM Learning, I decided to become a STEM Ambassador to help students and raise awareness about STEM careers. I volunteered to run mock interviews for students to improve their initiative and confidence. In addition, I volunteered in Spooky Science workshop for children to raise awareness about science. Being a STEM Ambassador developed my communication skills and expanded my knowledge, where I networked with other STEM Ambassadors to exchange experiences during workshops.

STEM represents our everyday lives from the transportation that you use to go to school, to smartphones that we use to communicate. Being a member of any STEM field will help you to understand your lifestyle and to understand things around you more. Therefore, it is important to advertise not only STEM careers but also the STEM area in general.



[Why I'm a STEM Ambassador clip on YouTube](#)

### Student challenge:

What if all cars on the roads were self-driven?

Nice to get to know you!