

Professional Profile

"A motivated, passionate and innovative young professional with an exemplary academic record looking to pursue studies in the Computer Science/Engineering field."

Has achieved excellent grades at iGCSE level, coupled with an active involvement in student mentorship and the maintenance of the school environment. Passionate about computers and technology and how they can be applied to solve real-life problems. Committed to continuous learning and professional development.

Cores Skills

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| ❖ Communication | ❖ Critical Thinking | ❖ Analytical |
| ❖ Detail-oriented | ❖ Leadership | ❖ Teamwork |
| ❖ Motivated | ❖ Creative | ❖ Problem-solving |

Education and Qualifications

AS Level (<i>in progress</i>) Mesaieed International School - Present	❖ Mathematics - predicted A ❖ Physics - predicted A	❖ Computer Science - predicted A ❖ Economics - predicted A
Combined SAT score : 1280	❖ Math - 650	❖ Evidence-based reading and writing - 630
IELTS – Overall 8.0	❖ Listening – 8.5 ❖ Writing – 7.0	❖ Reading – 8.0 ❖ Speaking – 7.5
iGCSE (International General Certificate of Education) Mesaieed International School – 2019-2020	❖ English First Language - A ❖ English Literature – B ❖ Physics – A* ❖ Chemistry – A ❖ Geography – A* (8 Edexcel)	❖ Mathematics – A* (9 Edexcel) ❖ Further Pure Maths – A* (8 Edexcel) ❖ Biology – A* ❖ Computer Science – A ❖ Design Tech (Resistant Mat) – B (6 Edexcel)

Volunteer Experience

Mesaieed Community Saturday School (MCSS) 2019-Present	<p>MCSS is a community school formed by the community for the community of Mesaieed. MCSS has been created to meet the Arabic/Islamic curriculum needs of the entire Mesaieed community, and currently has over 200 students enrolled, ranging from Years 1 to Year 10. The school has now been running since September 2018 with the voluntary assistance of over 45 staff members comprising of teachers, management staff, MIS 6th formers and other parent volunteers from the community. MCSS runs on Saturday mornings at the MIS Primary campus from 07:45 to 11:30 during school term time.</p> <p>Talhah has been involved as a Teacher Assistant during lessons and assisting with Admin work in the daily running of the school. He is also responsible for manning the computer system during morning registrations of volunteers and students.</p>
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Hobbies and Interests

- ❖ Talhah enjoys dabbling with Computer software and hardware. He has experimented with many different distro's of Linux and even compiled his own kernel as a test. He enjoys system administration, scripting and finding new ways to achieve certain objectives. He also taught himself HTML, CSS, Python, BASH and Javascript.
- ❖ In his spare time, and as a way of earning some pocket-money, Talhah currently fixes and repairs computers for members of the community. These repairs range from fixing software issues to resolving hardware problems.
- ❖ Talhah also experiments with many projects on his Raspberry Pi. One notable project was programming his NodeMCU LUA wireless module to control a light from his mobile device via the Internet. This was the first introduction to Internet of Things and the next project on the horizon is to build a smart home using similar technology.
- ❖ Talhah also enjoys all things related to Cybersecurity. He has taken part in many informal training courses over the internet related to networking, white-hat hacking, Internet relay chat (irc) and is part of many online forums in the field. He enjoys participating in CTF (Capture The Flag) events to hone his skills in this regard.

Extra-curricular Activities and Achievements

2017	Stem National Robotics Olympiad (NRO)	Build and program a robot to complete a predetermined set of tasks
	First Lego League (FLL)	Build and program a robot, present solution to judges
2018	QUESS Athletics	Represented MIS at Athletics (Cross-country) and mini-olympics
	Bot Ball	Build and program a robot to play football against other robot opponents. Progressed to quarter-finals.
	Al Ahli Sports Club	Was part of the Athletics team at Al Ahli sports club taking part in events across Qatar
	IAAF Diamond League	Represented MIS in 4 x 100m relay against other qualifying schools at International Athletics meeting, curtain raiser for the IAAF event. MIS team was placed 5th. It was an achievement in itself to rub shoulders with Olympic athletes.
	Al Ahli Sports Club	Was part of the Athletics team at Al Ahli sports club taking part in events across Qatar
2019		Create a program which conveys to young and old audience the UN/Qatar goals towards a sustainable and better world. Placed 3rd out of the top 10 schools in Qatar while representing MIS (see below links) https://www.qatar-tribune.com/news-details/id/158259 https://www.qnsc.com/wp-content/uploads/2019/03/QNSCC-OPEN-SCROBOT-FINAL-WINNERS-2019.pdf
	Qatar National Scratch Coding Competition (QNSCC)	
2020	BSides Doha 2020 - Qatar Cybersecurity Conference and Capture The Flag (CTF)	Cyber Security conference for industry professionals related to the latest Cybersecurity trends. Also included a practical competition to test your knowledge on Cybersecurity flaws in what is known as a CTF (Capture The Flag) event. The teams with most points and fastest time wins. Was placed 12th out of 42 teams in the CTF event. Was recognized for my efforts as a 16yr old competing against industry professionals who made Cybersecurity their career. Was presented with an iPad for being the youngest competitor and achieving an excellent result.
	Ooredoo 5G Virtual Hackathon	Participated in Ooredoo's Virtual 5G Hackathon 2020. The Ooredoo 5G Hackathon is a virtual hackathon designed to give the brightest thinkers and innovators a platform from which entrepreneurial ideas can be developed. The 5G Hackathon aims to support Ooredoo's goals of promoting ICT innovation and 5G leadership, entrepreneurial leadership, and enriching people's digital lives. It will also enable Ooredoo to educate local institutions on the 5G market potential and provide a platform for Ooredoo employees to deliver innovation. Our team was placed in the top 10 of the Educational theme, out of a total of 150+ competing teams.

References are available on request