Hanan Mohammed Alshikhabobakr

Doha, Qatar

Education

Present – Part time	Masters of Arts in Education and Technology	Expected Graduation: August 2021
	Michigan State University, USA	
August 2013	Bachelor of Science in Computer Science with a minor in Robotics. College Honors	
	Carnegie Mellon University, USA	

Recent Project Management

Summer 2020   **Game Development Academy,** Carnegie Mellon University in Qatar
Created first of kind summer academy for middle and secondary school students online academy that teaches video game development. Recruited industry professional game developers to deliver a game development workshops and teach the required skill set.

Spring 2020   **Gamified Stories in History Classes,** Carnegie Mellon University in Qatar
Collaborated with a local school to enhance history classes through the use of interactive games to enhance student attainment and motivation towards learning the subject. Published scientific research and won the best presentation at the international conference, ICETC'20.

Spring 2019   **STEAM in a Primary School,** Al-Obaib Public Primary School for Girls
Ran multiple initiatives and activities to enhance the STEAM culture in the school. The public audience campaign involved open space activities during the break time. The focused group involved running a research project for building video games that promote sports.

Work Experience

2017– 2019   **Fellow at Teach For Qatar,** Teacher at the MOEHE
Went through extensive teacher training through Teach4Qatar and taught in a public primary school for girls for two years. Completed multiple leadership training and executive management from well-recognized institutes such as NCED in QU and HEC University.

2013 – Present   **Research Associate,** Carnegie Mellon University in Qatar
July 2018 – Present, *Computer Science in K-12*
Designing curriculum and training teachers for K-12 Computer Science Education in Qatar.

2016 – 2017, *Project Alice*
Investigated students' gain in computing education courses. Co-constructed interactive website. Organized national wide competitions and workshops for teachers and students.

2014 – 2015, *Project Arabiyyatii*
Designed and implemented multi-player educational games and activities on smart tables in the context of an innovative curriculum to teach Arabic to kindergarten students.

Leadership

2018 – Present	Co-Founder of BFive, a local startup for creative freelancing services.
2015 – 2017	Founder and president of the Qatar chapter of Arab Women In Computing (ArabWIC).
2015 – 2016	Lead website developer for ArabWIC (arabwic.org).
Nov. 2015	Organized Django Girls Doha, a workshop on how to build and publish a web application.
2013 – 2015	Founder, organizer, and mentor at CarnegieApps Hackathon, Carnegie Mellon University.

Skills

- Excellent computer and technology user
- Very good technology developer and programmer
- Creative teaching and training
- Arabic and English language fluent
- Effective communication & conflict resolution
- Proactive leadership and management