

# Welcome to Our 2014 Newsletter

## A Word from ArabWIC Founder and Chair:

### Sana Odeh



Welcome to our second edition of the Arab Women In Computing (ArabWIC) Newsletter! I would like to thank my fellow ArabWIC newsletter team members (Dr. Kaoutar El Maghraoui, Alaa' Odeh, and Dr. Ola Batarseh and Noha Mahmoud), for introducing this issue of our newsletter. The ArabWIC's newsletter is intended to provide updates about ArabWIC's projects, news, current events, technology trends, and also feature several talented ArabWIC members from the various computing/technology sectors represented in ArabWIC: academia, industry and entrepreneurship. We encourage all of our members and friends to contribute to future issues of our newsletter and also provide us with feedback to improve our newsletter.

As a founder and Chair of ArabWIC, I'm delighted to highlight ArabWIC's accomplishments and projects. ArabWIC was founded during 2012 New York University Abu Dhabi (NYUAD) Conference on Women in Computing in the Arab World. Conference participants unanimously agreed to create an international organization for Arab women in computing. You can read more about this conference in the ACM-W Newsletter, Summer 2012 issue on page 33 and 34. The goal of ArabWIC is to support, inspire, retain, encourage collaboration among, increase visibility of and help elevate the status of ArabWIC, and allow them to achieve their career goals. Also, to create linkage with international women-in-CS organizations. ArabWIC is proud to be officially affiliated with the Anita Borg Institute for Women and Technology Systems Communities, and the Academic Computing Machinery Women in Computing (ACM-W).

Despite the recent establishment of ArabWIC, we already have many accomplishments. We have managed to build a community of 700 Arab technical women (academics, professionals, entrepreneurs, and industry) from 15 Arab countries and the world. We also held our second successful conference on Arab Women in Computing at NYUAD in May 2013 where we planned for a comprehensive study on Women in Computing in the Arab World that would be published by end of 2015. The goal of this study is to explore the representation of women in IT in all sectors (academia, entrepreneurship, and industry), the opportunities, and the diverse challenges facing women in computing in the Arab world. We will be holding our **Third Arab Women in Computing Conference at NYU Abu Dhabi in May 17 and 18, 2015, in Abu Dhabi, UAE.**

The Arab Women in Computing study will focus on women in academia (students and faculty), women in industry working in the IT field and women entrepreneurs (leaders of tech startups) with the goals of contributing to the national and the international debates on increasing women's enrollment in computer science, and more importantly, identifying important issues women face in the field of computing in the Arab world. The study is coordinated by me, and it will feature highly accomplished social scientists: Samia Al-Botmeh, Director of the Center for Development Studies and Lecturer in Economics and Gender Studies Birzeit University, Palestine, Hannah

Brückner, Associate Dean of Social Sciences, NYUAD, Marc Michael, NYUAD Assistant Professor of Social Research, UAE, and Jennifer Olmsted, Technical Advisor, UNFPA (UN) and Prof. and Chair at Drew University, USA.

"Women in Computing" is an important and timely topic. In the United States female enrollment in Computer Science and Engineering has fallen from 37% in the early 80's to a dismal rate nearing 20% today. But in the Arab world, it seems that females comprise the majority of undergraduate students studying Computer Science in Arab countries including Algeria, Egypt, Jordan, Morocco, Saudi Arabia, and the UAE. Also, the percentage of female tech founders seems to be higher in the Arab world than the US and Europe. We have begun to explore important trends for women in computing focusing on Representation, Opportunities and Challenges for Women in Computing in the Arab World. We are also interested in learning from the experiences of Women in other regions and also sharing our successes and experiences with the rest of the world.

One of our major accomplishments this year is to help establish and coordinate the Qatar Computing Research Institute (QCRI) Scholarship for Arab Women in Computing to attend the Grace Hopper Celebration of Women in Computing Conference (GHC'14), October 7-11, 2014, in Phoenix, Arizona, USA. This is an initiative undertaken by QCRI, ArabWIC and the Anita Borg Institute to promote computing among Arab women. The scholarship covers travel expenses including: travel to and from the conference, meals, hotel, and conference registration fees. We hope that the QCRI will support this scholarship annually. We are extremely grateful and thankful to QCRI for their generous funding and support for Arab Women in Computing (special thanks to Dr. Eman Ali Fituri, and Ahmed K. Elmagarmid from QCRI). Also, ArabWIC would like to thank Anita Borg Institute for their tremendous support. Special thanks to Jody Mahoney, Senior Vice President Corporate Partners/Business Development, Anita Borg, and Rosario Robinson, Program Manager, Anita Borg Institute for Women and Technology.

We are also very thankful for Anita Borg for supporting our activities at Grace Hopper Conference for Women in Computing that will be held on October 7 – 11, in Phoenix, Arizona, USA. We have several important activities during the GHC conference such as lunches, a reception, information booths, mentoring sessions and two panels.

The GHC is the largest international conference for women in computing sponsored by major universities and Tech companies such as Google, Microsoft, IBM, and Facebook. Attending GHC is a great ArabWIC achievement as our members are now linked to internationally renowned women in computing institutions and conferences. Our members can have the benefit of leveraging existing resources to support international women in computing such as mentoring, scholarships, and research collaboration. I would like to thank Rosario Robinson, Anita Borg Systems Program Manager, for all of her wonderful support of all of the Systems ABI communities.

ArabWIC is also delighted to offer 3 complimentary GHC passes (Thanks to Anita Borg Communities) to attend the conference: Alaa' Odeh, Rahilla Zafar, and Diane Jordan.

Finally, I would also like to thank all of the amazing members of the ArabWIC's steering committee: Manar Abu Talib, Ola Batarseh, Rama Chakaki, Mariam Elbadri, Diane Jordan, Dalila Loudyi, Noha Mahmoud, Kaoutar El Maghraoui, Alaa' Odeh, Taghrid Samak and Rahilla Zafar who have been working tirelessly to build the foundation for ArabWIC and reach out to all of the Arab Women in Computing/Technology all over the world. Please see the

website for the full list of steering committee members for ArabWIC.

I hope that our friends and members will join our projects and also help us lead new initiatives to support ArabWIC's mission to empower Arab women in computing.

## Emirates Digital Association for Women (EDAW111)

**By: Manar Abu Talib**

ArabWIC is the main source of inspiration for establishing an association to support women in computing in the UAE. Emirates Digital Association for Women (EDAW111) has been established and officially registered by the Ministry of Social Affairs on March 23<sup>rd</sup> 2014. It was founded by twenty talented Emirati women who elected the following officers: President Dr. Shayma Alkobaisi, associate professor and acting dean at UAE University, the Vice President Noura Al Dhaheri, PhD student at Masdar Institute, the Secretary Eman Obaid, graduated master student from Khalifa University, the Treasurer Mahra Mohammed, graduated master student from Khalifa University and the EDAW111 representative Adhra Al Mansoori, graduated student from Zayed University. Dr. Manar Abu Talib, who is an steering committee member in ArabWIC and assistant professor at University of Sharjah, will be appointed as CEO for EDAW111. This association will be targeting all women in computing in the seven Emirates and this is why 111 was included in the name of association, representing number 7 in the binary code.



### ArabWIC Activities in the UAE

1. Dr. Manar Abu Talib introduced ArabWIC to faculty and students at the University of Sharjah on 29<sup>th</sup> of October 2013. Several presentations as well as ArabWIC booth raised the awareness about the role of Arab women in computing. Many students and faculty got inspired and joined ArabWIC as members.



2. Arwa Basha, a member in ArabWIC, organized a seminar about Anita Borg Scholarship with Google on 9<sup>th</sup> of January 2014 at University of Sharjah. Thanks to Sarah Collins for organizing the brilliant presentation.



3. ArabWIC collaborated with the Google Developer Group in Sharjah and organized Women Techmaker Day on March 9<sup>th</sup>, 2014. The day covered many aspects such as technical, community, inspirational, and leadership. ArabWIC members: Dr. Manar Abu Talib, Hajar Al Mehri, Anfal Hasan, Maythaa Abdullah, Raihana Al Hashmi from Microsoft as well as members of the Computer Science Society at University of Sharjah delivered presentations and workshops during this day.





4. BBC Filming about ArabWIC @ University of Sharjah





## Mentoring for the ArabWIC Community

**By: Diane R. Jordan**

Mentoring is widely recognized as a key success factor in environments ranging from education to corporations to start ups. Often organized around members of a profession, organization or community, mentors provide a supportive guide to their mentees enabling progress toward academic, career and personal goals. Through mentoring, successful individuals are able to give back to their community and profession by sharing lessons they have learned, and develop the strength of the upcoming generation of leaders. Mentees benefit from this insight and receive supportive guidance in a neutral context outside their school or job. They are able to bring up questions and issues that they may hesitate to discuss with teachers at school or superiors at work.

Mentoring is an evolutionary process – mentees become mentors as they advance and mentors become mentees as they address new challenges. Each individual has a range of strengths and opportunities to grow. A mentor may share expertise with one individual while at the same time, seeking assistance from another as a mentee on questions and problems they themselves face.

Various approaches to mentoring have developed over time to provide flexibility and engage the many different audiences desiring to use it. Traditional mentoring focused on in person, ongoing relationships. Speed mentoring has evolved as complementary way to broaden access to expertise by taking advantage of participation at events such as conferences using meetups and informal short sessions. To extend the reach and facilitate mentoring across time and geographic boundaries, electronic tools have been developed. Some examples of such platforms are:

<http://www.mentorcloud.com>

<http://mentornet.org/>

<https://bidx.net/>

ArabWIC sees mentoring as a powerful tool for achieving our goals to advance the status of our members.

Mentoring can be particularly important in communities where role models are scarce and where there may be a limited existing network of family and friends who share their experiences. Arab women in computing face a unique combination of challenges, including an industry that is male dominated, cultural norms for women in the workplace or school, geographically dispersed communities, and infrastructure inconsistencies among others.

Providing an internet based mentoring platform for our members to connect and collaborate internationally to support advancement and success is a primary goal for 2015. Requirements we've identified include:

- Ability for students and professionals to enroll (mentor or mentee) to support careers including academic, industry/corporate and entrepreneurship.
- Mentor relationship matching based on profile information including interest areas, language, locale, etc.
- Support for 1-1 and 1-many mentoring relationships to best leverage scarce expertise
- Internet based, asynchronous electronic communications facility, ability to leverage existing communities and capabilities such as Facebook and LinkedIn
- Access to resources on career development in general as well as information tailored to the ArabWIC community
- Ability to monitor community activities and track progress of mentoring relationships
- Ability to form networks of common interests
- International availability on mobile as well as PC platforms

Based on research into existing online mentoring programs, we expect to launch a platform for ArabWIC with a

prototype in early 2015. Meanwhile, we are asking our members to talk part in a survey to better understand what your interests are and provide a base of interested mentor and mentee candidates for this project. In particular, we will use the responses to this survey as a base for a speed mentoring activity at the upcoming Grace Hopper Celebration (GHC 2014). Please click on this link to take the survey and be part of this exciting initiative:

[Mentoring for ArabWIC Survey](#)

---

## Activities of ArabWIC in GHC 2014

### 8-Oct

- |                           |  |
|---------------------------|--|
| <b>2:00 pm - 3:00pm</b>   | Panel with ARABWIC Co-Chair: Anita Borg's Vision: A Global Community of Women Leaders, Featuring ArabWIC Speaker: Sana Odeh, NYU |
| <b>5:00 pm - 6:00 pm</b>  | General Speed Mentoring Moderator(s), Diane Jordan/ Kaoutar El Maghraoui   |
| <b>7:30 pm - 10:00 pm</b> | ArabWIC Reception for Arab Women in Computing supported by Anita Borg<br>(Food will be served)                                   |
- 

### 9-Oct

- |                            |  |
|----------------------------|--|
| <b>10:15 am - 11:00 am</b> | General Speed Mentoring Moderator: Diane Jordan  |
| <b>12:00 pm - 1:00 pm</b>  | Panel with ARABWIC Co-Chair: Why Women in Technology should patent their ideas, Featuring ArabWIC Speakers: Kaoutar El Maghraoui, IBM Research; Bouchra Bouqata, GE Research |
| <b>12:00 pm - 1:00 pm</b>  | General Speed Mentoring (REPEAT session) Moderator: Diane Jordan   |
| <b>1:00pm - 3:15pm</b>     | ArabWIC Lunch Table Topic: ArabWIC Mentoring Program   |
| <b>5:15pm-6:15pm</b>       | General Speed Mentoring Moderator: Diane Jordan  |
- 

### 10-Oct

- |                            |   |
|----------------------------|---|
| <b>10:00 am - 11:00 am</b> | Panel with ARABWIC Co-Chair: Latest Trends and Technical Challenges of Big Data Analytics; Featuring ArabWIC Speakers: Kaoutar El Maghraoui, IBM Research; Bouchra Bouqata, GE Research; Amina El Addadi, College of Saint Rose |
| <b>1:00pm - 2:15pm</b>     | ArabWIC Lunch Table Topic: Women Entrepreneurs in the Arab World  |
| <b>3:30 pm - 4:30 pm</b>   | Stay Connected Track ArabWIC Panel: Showcasing ABI Systems Everywhere: Building Strong Globally Connected Communities to Empower Every Woman in Computing EVERYWHERE; Featuring ArabWIC Speaker: Sana Odeh, NYU                 |

**Meet the ArabWIC Steering Committee Members attending the**

## Grace Hopper Conference!



### ***Dr. Sana Odeh***

A proponent of women in technology, Professor Sana Odeh is the founder and chair of the Arab Women in Computing (ArabWIC) and founder and chair of the NYUAD Conference on Women in Computing in the Arab World (sponsored by the NYUAD Institute).

Sana Odeh is a Clinical Professor of Computer Science and Faculty Liaison for Global Programs of Computer Science at the Department of Computer Science, Courant Institute of Mathematical Sciences, New York University. Her research focuses on web and mobile programming, information systems for the developing world and e-learning systems. She is also the faculty advisor of the NYU's Courant's Women in Computing (WinC) and the Chair of the Annual New York City Girls Computer Science and Engineering Colloquium (Sponsored by NYU's Courant's WinC, Princeton's GWISE and Google.)

Sana is also an Affiliated Faculty of Computer Science at New York University Abu Dhabi (NYUAD) in the UAE where she set up the Computer Science department at New York University Abu Dhabi (NYUAD) and also created successful international collaboration projects in Computer Science. She is the founder and chair of the Annual New York University Abu Dhabi (NYUAD) International Hackathon for the Social Good in the Arab World. The NYUAD is sponsored by the NYUAD Institute.



### ***Dr. Kaoutar El-Maghraoui***

Dr. Kaoutar El-Maghraoui is co-chair of the Arab Women in Computing (ArabWIC) Anita Borg Institute Systems' community. She is a research scientist at the IBM T.J Watson Research Center in Yorktown Heights, New York. She is currently leading a research project to apply IBM Watson's cognitive technology to systems problem diagnosis and resolution. Kaoutar has co-authored several conference and journal publications in the areas of systems research, distributed systems and high performance computing. She has served in many technical conferences as co-chair, member of the technical program committee, and reviewer. Kaoutar obtained a PhD degree in Computer Science in 2007 from [Rensselaer Polytechnic Institute](#), Troy, New York. Kaoutar has received several fellowships and awards including the American Association of University Women fellowship, the Robert McNaughton Award for best thesis in computer science at RPI, IBM's Eminence and Excellence award for leadership in increasing Women's presence in science and technology, and IBM's Tier II award

for contributions to the foundational POWER software technologies and promoting these systems in Africa. She is a member of ACM, IEEE Computer Society, and Society of Women Engineers.

Kaoutar is very passionate about mentoring, promoting, and increasing the participation of women in STEM and computing disciplines. She has been an active member of the leadership team of the Grace Hopper Conference (GHC), the world's largest conference of Women in Computing. Under her leadership, she helped put together the most International poster/career track committees the conference has ever had. She will be the Program Co-Chair of GHC in 2015.



### ***Diane Jordan***

Diane Jordan retired in 2014 as a Program Director after a 30+ year career at IBM that included most aspects of software development in both technical and management roles. In her most recent position she led development of global technology standards and open source software for internet and cloud computing. With her experience working with culturally diverse colleagues in other countries, companies and industry organizations, Diane recognized the importance of increasing the impact of women in computing. She has worked both to advance individual careers and improve corporate culture for women. Family ties in North Africa make ArabWIC especially important to Diane. She is especially interested in mentoring as a way to share success with the community.



### ***Rahilla Zafar***

Rahilla Zafar is a new member of the ArabWIC steering committee and excited to engage with the women at Grace Hopper! She is co-author of the upcoming book 'Arab Women Rising'. She is currently working on a follow up book focusing on women in Saudi Arabia. Rahilla helped Wharton Business School professor Keith Weigelt develop the cross generational program Building Bridges to Wealth, that provides entrepreneurship and financial literacy classes to inner city communities. She previously worked in Afghanistan and is a board member of the ARZU Studio Hope Project which is currently one of the largest private employers of Afghan women. She is also on the board of the Ibrahim Family Foundation helping run its annual leadership and dialogue trip where selected college students visit Israel, Palestine, Saudi Arabia, Oman, Jordan and the United Arab Emirates.



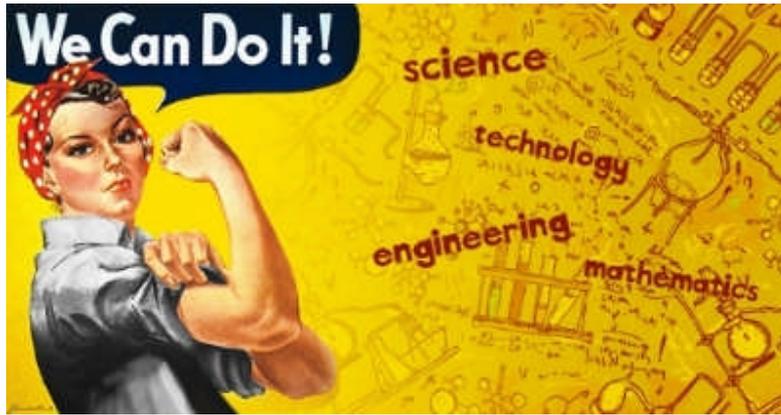
### ***Alaa' Odeh***

Alaa' Odeh is a new member of the ArabWIC steering committee and excited to work with women in tech in the Arab world. She has a passion for the developing world and providing opportunities and resources for social impact. She is Founder and CEO of HADAF: From Passion to Progress, a non-profit focused on cultivating social and economic development in under-served areas in the Middle East and Africa through innovation and entrepreneurship. HADAF works to connect those in under-served areas to others across the globe to develop and market their ideas and bring economic progress to their communities. Alaa' has extensive experience in international relations, strategy and development has reached across the private, public and government sectors, including non-government organizations. Ms. Odeh's versatile skill set includes; new project development and management, business planning, strategy building, grant/proposal writing, research and analysis, and communications. Through her work, she has collaborated with businesses and government agencies in the USA and abroad (especially in the Arab World) reaching out to multinational audiences. She is especially interested in mentoring and capacity building programs for women in tech.



### ***Dr. Eman Fituri***

Dr. Eman Fituri is Director of Education Management Initiatives and the program manager at Qatar Computing Research Institute (QCRI) for the research collaboration program between QCRI and MIT, and director for the Research Education Initiative. Before joining QCRI, Eman was a postdoctoral fellow at the School of Computer Science, Carnegie Mellon University, Qatar, conducting research on cross-layer protocols utilizing Software Defined Radios. Prior to that she worked at Nortel, Ottawa, Ontario, as a technical prime for WIMAX terminal development, and in a previous post, she worked as a wireless systems engineer at Wireless Technologies Lab. Eman has also worked as a research associate at the University of Ottawa, conducting research in the area of Wireless Sensors Networks, and at Carleton University, conducting research on interference management in wireless networks.



- Rania Hadi, Managing Director at Google MENA, Dubai, UAE
- Rama Chakaki, Founder & CEO Baraka Ventures Dubai, UAE
- Taghrid Samak, Software Engineer, Google, USA (from Egypt)
- Reem Khouri, Founder and CEO - Kaamen, Jordan
- Sahar Idwan, Assistant Professor and Director of e-Learning Center at the Hashemite University, Jordan
- Dalila Loudyi, Faculty of Science and Technology at University Hassan II – Mohammedia, Casablanca, Morocco
- Mariam Masoud, Entrepreneur, Libya
- Hwayda Hemaïd, Lecturer, University College of Applied Sciences, Gaza, Palestine
- Noha Mahmoud, Co- Founder FekraSquared, Egypt
- Dr. Behjat Al Yousuf, Dean Masdar Institute
- Ola Batarseh, Clinical Workflow Simulation Manager at Avera Mckennan, Sioux Falls, SD (From Jordan)
- Bouchra Bouqata, Lead Research Scientist, GE, USA
- Susan Malaika, Senior Technical Staff Member at IBM, USA
- Behjat Al Yousuf, Dean Masdar Institute
- Manar Abu Talib, Assistant Professor, Zayd University, UAE
- Mariam Elbadri, Researcher, Libya

## ArabWIC Congratulates the Recipients of the QCRI Scholarship for Arab Women in Computing to attend the Grace Hopper Celebration of Women



### ***Mariam Abultewi, Entrepreneur, CEO of Wasselni, Gaza, Palestine***

Living in Gaza, one of the most unstable environments has been always a challenge for me, I think somehow this made me stronger Gaza is that place where life can come from death. In the last couple of months (July-August 2014) Gaza was once again under attack and suffered from a military aggression by the Israeli army that lasted for almost 51 continuous and horrible days. I cannot stop thinking about that scary morning when my uncle's house, which is very close to ours, was targeted by an airstrike. Luckily, I managed to survive! Today I am still alive! And more determined to bring peace to my country, Palestine.

Mariam is a software developer and is now starting her own business Wasselni which she believes will grow to become a major stakeholder in the IT sector and eventually for the national economy. Mariam is one of many startup founders in Gaza and was the first female entrepreneur to get investment there. Women do start their own businesses in Gaza in spite of the difficulties of an unstable environment. Mariam knows that it will be a long and hard road to build a strong national ICT sector, but she wants to be a part of the effort and to contribute to the whole community. Mariam is delighted to attend GHC 2014 and is grateful for the opportunity.



***Hanan Mohammed, Research Associate, Carnegie Mellon University Qatar, Qatar***

Hanan is a research associate at Carnegie Mellon University Qatar, where she develops and designs literacy applications. Robotics counts among the main interests of Hanan. She had organized and participated in a number of robotics competitions, and helped founding a robotics institute, Qatar Robotics Institute for Development, QRID. During undergrad, Hanan co-organized the first student lead Hackathon event in Qatar, a 24 hour application building competition. In her third year of college, she received Google's Anita Borg Scholarship. Previous to her current position, she worked as a researcher in NLP to publish two papers in internationally recognized conferences.



***Meriem Chehah, Student, Algeria***

Meriem is in her final year undergraduate studies for a Bachelors degree at The National Institute of Electrical and Electronic Engineering. Her passion is for math and the sciences. She was among the outstanding students in the baccalaureate exam 2012 and be honored by President Bouteflika of Algeria.

Meriem was a finalist at the Imagine Cup 2013 implemented by Microsoft and the GIST I-Tech competition. She was also the first female Microsoft ambassador at M'hamed Bouguera University, Boumedes, Algeria.

In 2013, Meriem participated in the Harvard in Business Competition 2013 and was selected among the top 6 finalists with the project E-Care. Later that year, E-Care was chosen a finalist at the GIST I-Tech competition, Global Innovation through Science and Technology initiative, led by the U.S. Department of State.

As a young outstanding leader, Meriem took leadership positions in different international and national programs. She was recently Algeria's representative at the 25th International Youth Forum in Korea, Seoul, organized by the National Council of Youth Organizations in Korea (NCYOK) and World Assembly of Youth (WAY). She was also nominated as Vice President position in the Executive Board for the General Assembly under the theme "Youth and World Peace."



***Dalila Chiadmi, Computer Science Professor/Researcher, Morocco***

Dalila is Computer Science Professor-Researcher at Ecole Mohammadia d'Ingénieurs for over 25 years. Her education includes Ph.D degrees on Replicated Database. Prof. Chiadmi produced more than 50 publications in the fields of semantic data integration, BI, big data, linked data, services composition and m-gov.

She founded in 2004 e-TI, the first open access electronical journal in Morocco ([www.revue-eti.net](http://www.revue-eti.net)). She also headed her research laboratory during 10 years and chaired the CS Department. As a consultant expert, she developed "The Strategy for ICTs Development in the Islamic World" for ISESCO that has been adopted by the fifth Islamic Conference of Culture Ministers.



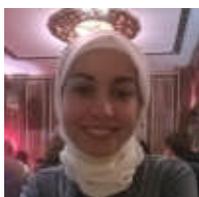
***Fatimah Alabdrabalnabi, Project Manager, Saudi Arabia***

Fatimah is a Project Manager at Saudi telework company. She received the B.S. in Computer Science from Prince Mohammad University, Saudi Arabia, in 2014. She is Founder of Google Developer Group (GDG) Dhahran, an all-women group that aims to foster Saudi women engagement in IT sector. Fatimah was elected as one of Google's Women TechMakers in 2014. She spends most of her time volunteering and organizing non-profit events to support Saudi Women.



***Maraim Masoud Elbadri, Researcher, Libya***

Maraim is a project developer at Tatweer ResearchCenter, her work included efforts to support entrepreneurship in Benghazi. Maraim gained her first class honors MEng degree in computer science from Southampton University, UK. Maraim has always been an activist volunteer and social worker. She has been working on several programs that were all focused on advancing opportunities for youth and women to actively participate in economic empowerment and social development. Maraim is also a country representative for ArabWIC, Arab Women in Computing. Recently she has been heavily involved in the civil society in Benghazi and she hopes IT-driven social changes will take place to improve the society, one of her initiatives is FW:Knowledge which is a community platform for civic activists, technology junkies, bloggers, and citizens interested in learning and enhancing their knowledge collaboratively using web 2.0 tools and services.



***Dorra Mlouhi, Student, Morocco***

Dorra Mlouhi is a PhD student at the National School of Computer Science ( ENSI ), Tunisia. She is interested in computational science, parallel programming, and advanced computational environments that support high-end scientific applications. In 2012, she created with two other students a mini-robot that detects gas leaks. She then advanced with her team to participate in the international finale held in Morocco.

In 2013, she was selected by Google as a Google Student Ambassador in Tunisia and later as a Google Student Ambassador Advisor for the MENA region. After her active participation in the the International Global startup youth and the Global entrepreneurship Summit in Malaysia, 2014, Dorra was nominated as the woman of the year in her university.



**Join the ArabWIC Community:**

ArabWIC Website: [www.arabwic.org](http://www.arabwic.org)

Join our Facebook page:

<https://www.facebook.com/groups/abi.awic/>

Follow us on Twitter: @ArabWIC

Join our online community

<http://community.arabwic.org/>

*Copyright © 2014 ArabWIC, All rights reserved.*

[unsubscribe from this list](#) [update subscription preferences](#)