

# NORAH ABOKHODAIR

Curriculum Vitae

<http://norahak.com>

## RESEARCH STATEMENT

I'm an applied social scientist working in the field of human-computer interaction, emergent and pervasive computing and social media. My research spans two areas: the first one is information system design with focus on invisible (i.e. understudied) users, and the second one is social computing systems design and policy with focus social bots. Overall, my research reflects my strong passion for understanding people's social and collaborative interactions in their everyday digital and physical contexts with the goal of designing and evaluating collaborative, social, and inclusive technologies. I combine my experience conducting and designing research projects, my expert knowledge of qualitative methods, and my multilingual and cross-cultural background to turn complex ideas and results to actionable insights.

## EDUCATION

### Ph.D. in Information Science

University of Washington, Seattle, USA 2017

*Dissertation:* Transnational Saudi Arabian Youth and Facebook: Enacting Privacy and Identity.

*Advisor:* David Hendry

*Committee:* Katie Davis, Elizabeth Churchill, David McDonald

### M.S. in Information Management (MSIM)

University of Washington, Seattle, USA, 2011

*Focus:* Information Assurance

*Thesis:* Vendor-Hosting vs. Cloud-Hosting Consultation for University-Wide Public and Occupational Health Services Delivery

### B.S. in Computer Science

King Saud University, Riyadh, Saudi Arabia, 2006

## INDUSTRY EXPERIENCE

**Design Researcher II**, Microsoft, USA, Redmond; Oct 2017 – Present.

**Research Associate**, Qatar Computing Research Institute, Qatar; Aug 2015 – Feb 2016.

**Research Fellow**, The Central European University, Hungary; Jan – Feb 2015.

**Direct Sales Manager**, DHL Express, Saudi Arabia; 2007 – 2009.

## PUBLISHED WORK

*Peer Reviewed Journal Papers*

Abokhodair, Norah, Sofiane Abbar, Sarah Vieweg, Yelena Mejova. 2017. Privacy and Social Media Use in the Arabian Gulf: Saudi Arabian & Qatari Traditional Values in the Digital World. *The Journal of Web Science* 3 (1), [preprint](#).

Darwish, Kareem, Walid Magdy, Afshin Rahimi, Timothy Baldwin & Norah Abokhodair. 2017. Predicting Online Islamophobic Behavior after #ParisAttacks. *The Journal of Web Science* 3 (1), [preprint](#).

### **Peer Reviewed Conference Papers**

Hendry, David G., Norah Abokhodair, Rose Paquet Kinsley, & Jill Palzkill Woelfer. 2017. Homeless Young People, Jobs, and a Future Vision: Community Members' Perceptions of the Job Co-op. In *Proceedings of the 8th International Conference on Communities and Technologies (C&T '17)*. ACM, New York, NY, USA, 22-31. DOI: <https://doi.org/10.1145/3083671.3083680>

Al Dawood, Adel, Norah Abokhodair, Houda El Mimouni & Svetlana Yarosh. 2017. Against Marrying a Stranger: Marital Matchmaking Technologies in Saudi Arabia. *Proceedings of the ACM Conference on Designing Interactive Systems (DIS '17)*. ACM Press. **\*Best Paper Award**

Abokhodair, Norah, Adam Hodges & Sarah Vieweg. 2017. Photo Sharing in the Arab Gulf: Expressing the Collective and Autonomous Selves. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW)*. ACM Press. **\*Honorable Mention**

Magdy, Walid, Kareem Darwish & Norah Abokhodair. 2016. #ISISisNotIslam or #DeportAllMuslims? Predicting Unspoken Views. In *Proceedings of the ACM conference on Web Science (WbSci'16)*. Germany.

Abokhodair, Norah, Sofiane Abbar, Sarah Vieweg, Yelena Mejova. 2016. Privacy and Twitter in Qatar: Traditional Values in the Digital World. In *Proceedings of the ACM conference on Web Science (WbSci'16)*. Germany.

Abokhodair, Norah & Sarah Vieweg. 2016. Privacy & Social Media in the Context of the Arab Gulf. In *Proceedings of the ACM Designing Interactive Systems (DIS'16)*. Brisbane, Australia.

Magdy, Walid, Kareem Darwish & Norah Abokhodair. 2015. Quantifying Public Response towards Islam on Twitter after Paris Attacks. ARXIV: <http://arxiv.org/abs/1512.04570>

Abokhodair, Norah, Daisy Yoo & David W. McDonald. 2015. Dissecting a Social Botnet: Growth, Content and Influence on Twitter. In *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2015)*. ACM Press, 2015.

Dehlawi, Zakariya & Norah Abokhodair. 2013. Saudi Arabia's Response to Cyber Conflict: A case study of the Shamoon malware incident. In *Proceedings of IEEE International Conference on Intelligence and Security Informatics (ISI)*. 4-7 June 2013.

Gomez, Ricardo, Norah Abokhodair, Ivette Bayo & Minsu Park. 2013. Computer Training to Empower Day Labourers: A Heat Map to Address Emotional Barriers and Technical Skills. In *Proceedings of the 46th Hawaii International Conference on System Sciences (HICSS)*, 7-10 Jan. 2013.

Baron, L.F., Norah Abokhodair & Maria Garrido. 2013. Human and Political Grievances for Mobilization: Different roles of Facebook during the Egyptian Arab Spring. In *Proceedings of the 12th International Conference on Social Implications of Computers in Developing Countries*, Montego Bay, Jamaica, May 2013.

Abokhodair, Norah, Hazel Taylor, Surry Jones Mowery & Jitsuko Hasegawa. 2012. " Heading for the Clouds?" Implications for Cloud Computing Adopters. In *Proceedings of the American Conference on Information Systems (AMCIS)*. Paper 6.

### ***Conference Posters, Extended Abstracts, & Invited Presentations***

Xinru Page, Bart Knijnenburg, Pamela Wisniewski, Norah Abokhodair. Talking with The Experts: A Panel Discussion About Individual Differences in Networked Privacy. Facebook Research Speaker Series. July 2017, Facebook Menlo Park.

Ebtisam Alabdulqader, Norah Abokhodair, and Shaimaa Lazem. 2017. Designing for the Arab World. In *Proceedings of the 2017 ACM Conference Companion Publication on Designing Interactive Systems (DIS '17 Companion)*. ACM, New York, NY, USA, 348-351. DOI: <https://doi-org.offcampus.lib.washington.edu/10.1145/3064857.3064860>

Ebtisam Alabdulqader, Norah Abokhodair, and Shaimaa Lazem. 2017. Human-Computer Interaction Across the Arab World. In *Proceedings of the 2016 CHI Conference Extended Abstracts on Human Factors in Computing Systems (CHI EA '17)*. ACM, New York, NY, USA, 1356-1359. DOI: <https://doi-org.offcampus.lib.washington.edu/10.1145/3027063.3049280>

Abokhodair, N. (2017) Culturally Sensitive Design for Privacy: A case study of the Arabian Gulf. *Position paper submitted to attend CHI'16 workshop "Bridging the Gap between Privacy by Design and Privacy in Practice."*

Abokhodair, N., Vieweg, S. (2016) Spatial & Social Connectedness in the Arabian Gulf: How to connect when connection is forbidden. *Position Paper submitted to attend CSCW16' workshop "Where did my Office go? Is it in the Cloud!?! – Workshop on Spatial and Social Connectedness in Virtual and Mediated Environments."*

Abokhodair, N. (2015). Automated Actors Online: Algorithms and Bots Panel. *Society for Social Studies of Science (4S)*, Denver, USA.

Abokhodair, N., Woolly, S., Howard, P., McDonald, D. (2015). Architecture for Understanding the Automated Imaginary: A Working Qualitative Methodology for Research on Political Bots. *Internet Research 16.0 Conference (AoIR 16)*

Abokhodair, N., Yoo, D., (2015). Dissecting a Social Botnet: Growth, Content and Influence on Twitter. *The ACM Conference on Computer-Supported Cooperative Work CSCW 2015*, Vancouver, CA.

Abokhodair, N. (2015) Summary of my Research. *Blogs and Bullets Workshop*. Hosted by PeaceTech Lab, George Washington University, and the Program on Liberation Technology, Stanford University. March 6, 2015

Abokhodair, N. (2015) Transmigrant Saudi Arabian Youth and Social Media: Privacy, Intimacy and Freedom of Expression. In *Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems (CHI EA '15)*. ACM, New

York, NY, USA, 187-190. DOI=10.1145/2702613.2702629  
<http://doi.acm.org/10.1145/2702613.2702629> [Doctorial consortium paper]

Abokhodair, N., Yoo, D., (2014). Growth of a Social Botnet on Twitter. *The Information School Research Fair*, Seattle, WA, USA

Garrido, M., Baron, L.F., Abokhodair, N. (2013). XI Congreso Espanol de Sociologia. Crisis y Cambio Propuestas desde la Sociologia. July 10-12, Madrid, Spain

Abokhodair, N, Baron, L.F., Garrido, M. (2012). Different roles of Facebook during the Egyptian Arab Spring. *Presentation at the Computer Science Department Change Meetings*. Nov 30, Seattle, WA, USA

Abokhodair, N., Alva, A., (2012) "Cyber Fratricide: A Literature Review". *7th International Conference on Information Warfare and Security ICIW-2012*, Seattle, WA, USA

Garrido, M., Abokhodair, N., Maziad, M., Lysenko v., (2013) "'Appropriating" Facebook: The trajectory of Egypt's April 6th Movement through the lens of a social networking site". *Internet Research 13.0 Conference (AoIR 13)*, Manchester, UK

### **Book Chapters**

Maziad, M., Abokhodair, N., Garrido, M., (2017) The Road to Egypt's Tahrir Square: Social Movements in Convergence, Coalitions and Network. In Gordon, S. R. (Ed.), *Online Communities as Agents of Change and Social Movements*.

### **ACADEMIC RESEARCH EXPERIENCE**

**Research Associate**, Qatar Computing Research Institute, Qatar 2015-2016

**Research Assistant**, Dept. of Communication, University of Washington, Seattle, 2014-2015  
*Project: Computational Propaganda and The Production/Detection of Bots*

**Research Assistant**, Information School, University of Washington, Seattle, WA; 2014  
*Project: University District Job Co-op: Community Members' Perceptions of an Envisioned Employment System for Homeless Young People*

**Student Researcher**, *Design Kit: Human-Centered Design*, Acumen+ & DEO.org; 2014  
*Project: Healthier Food Options for Homeless Adults in the Seattle Area*

**Research Assistant**, Information School, University of Washington; 2013  
*Project: Computer Training to Empower Day Laborers in Seattle*

**Research Assistant**, Technology & Social Change Group, University of Washington; 2012  
*Project: Youth, ICTs, and Democracy in Egypt*

**Research Assistant**, Center for Information Assurance & Cybersecurity, University of Washington, Seattle, WA, 2011  
*Project: King County Public Health Department study on SMS Risk Analysis*

### **AWARDS, GRANTS, SCHOLARSHIPS, & FELLOWSHIPS**

Best Paper (ACM Designing Interactive Systems) Adel Al-Dawood, Norah Abokhodair, Houda El-Mimouni, Svetlana Yarosh (2017). Against Marrying a Stranger: Marital Matchmaking Technologies in Saudi Arabia.

Honorable Mention (ACM Computer-Supported Cooperative Work and Social Computing)  
Abokhodair, N., Hodges, A., Vieweg, S. (2017). Photo Sharing in the Arab Gulf: Expressing the Collective and Autonomous Selves.

Grace Hopper and The Anita Borg Institute Award, June 2016

National Science Foundation Grant, \$218,825, Award# 1450193, EAGER: Computational Propaganda: The Production/Detection of Bots. 2014-2016 (Co-writer of the grant.)

King Abdullah Foreign Full Ride Scholarship, Ministry of Higher Education, Saudi Arabia, 2012- 2016

Center for Media, Data and Society Fellowship, Public Policy School at the Central European University, Hungary, \$2,000, 2015

Association for Computing Machinery Doctoral Consortium Award, \$2,500, 2015

Fulbright Science and Technology Award, full ride scholarship, 2009-2011

### **ADDITIONAL EDUCATIONAL & PROFESSIONAL ACTIVITIES**

Workshop on Internet of Things (IoT): Designing for Human Values, The ACM Conference on Designing for Interactive Systems, Brisbane, Australia, 2016.

Summer Doctoral Program, Oxford Internet Institute, University of Oxford, Oxford, UK, July 2015.

Doctoral Consortium, The ACM Conference on Human Factors in Computing Systems (CHI), Seoul, Korea, May 2015.

Doctoral Colloquium, Association of Internet Researchers (AoIR), Daegu, Korea, October 2014.

*Design Kit*: The Course for Human-Centered Design, Acumen+ & IDEO.org, December 2014

Alene Moris National Education for Women's Summer Leadership Institute, University of Washington Women's Center, July 2013

Certified Information Assurance Professional, Center of Information Assurance and Cybersecurity, University of Washington, Seattle, June 2010

### **ACADEMIC TEACHING**

**Teaching Assistant**, Information School, University of Washington, Seattle, WA

- Capstone: Graduate Project Planning & Implementation (Winter – Spring 2017)
- Management of Information Organization (Autumn 2016, Autumn 2011)
- Information Systems Analysis and Management (Winter 2013)
- Research Methods in Informatics (Autumn 2013)
- Capstone: Undergraduate Project Planning and Implementation (Winter – Spring 2014)
- Information Architecture Series (Spring 2012)

### **MEDIA COVERAGE**

Pew Research Center (2017), The Future of Free Speech, Trolls, Anonymity and Fake News Online ([link](#)).

The New York Post (2017), The trolling has only just begun ([link](#)).

CNN (2016), Social media users denounce #StopIslam trend after attack ([link](#)).

UW Today (2016), Study: Most tweets following fall Paris attacks defended Islam, Muslims.

Desmog (2016), Did an Industry Front Group Create Fake Twitter Accounts to Promote the Dakota Access Pipeline?

## **ORGANIZED WORKSHOPS, INVITED PANELS & TALKS**

Guest speaker, Seattle University, The Department of Women & Gender Studies. Saudi Arabian Youth and Social Media (Oct, 2017).

Invited panelist, Facebook Research Speaker Series, Talking with the experts: A Panel Discussion about Individual Differences in Networked Privacy. July 2017, Facebook Headquarters.

Co-organizer, CHI 2017 SIG Meeting on Human-Computer Interaction across the Arab World, Denver US, 2017.

Co-organizer, DIS 2017 Workshop on Designing for the Arab World, Edinburgh UK, 2017.

Invited Panelist, *Design.Use.Build.* (DUB) Retreat: Summer schools and Doctoral Consortium Panel, University of Washington, Seattle, 2016.

Invited Panelist, CHI Doctoral Consortium 2015: Networking and Mentorship Panel, CHI'16, San Jose, USA, 2016.

Organizer and presenter of the workshop title "Design for Human Values", Qatar Computing Research Institute. Doha, Qatar. October 2015

Organizer and presenter of the workshop titled "Networking and Mentorship", Saudi Student Club, Seattle, USA. July 2013 and February 2014.

## **PROFESSIONAL ACADEMIC SERVICE**

### **University Leadership Roles**

Students Representative, PhD Admissions committee, The Information School, UW, 2015- 2016

Students Representative, PhD Leadership committee, The Information School, UW, 2013- 2015

### **Reviewing**

The 2016 International Conference on Information Systems (ICIS)

The ACM Conference on Human Factors in Computing Systems (CHI): Full papers, posters, and late breaking work during 2015, 2016, 2017.

The ACM Creativity and Cognition 2017 conference: Full paper.

The ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW): Posters and work in progress during 2015, 2016.

The Annual Americas Conference on Information Systems (AMCIS): Full and short papers during 2015.

The Association of Internet Researchers (AoIR): abstracts 2014-2016.

### **Mentoring**

*Arab Women in Computing* (Arab WiC) STEM collage program; *New Leadership Puget Sound* – Women Center Mentor; *iDiversity* Ambassadors for Ph.D. in Information Science

### **PROFESSIONAL MEMBERSHIPS**

The Anita Borg Association; Association of Internet Researchers; Arab Women in Computing – Saudi Arabia Chapter; Association for Computing Machinery (ACM); Value Sensitive Design Lab; Political Bots - [politicalbots.org](http://politicalbots.org); Fulbright Association - Greater Puget Sound Chapter