CSAIL, Massachusetts Institute of Technology
32 Vassar St. 32G-598 Cambridge, MA 02139
⌨ people.csail.mit.edu/tarfah
✉ tarfah@mit.edu
☎ (858) 888-3478

Tarfah Alrashed

Research Interest

Human Computer Interaction, Information Retrieval, Semantic Web and Data Science.

Education

2016–Current **Massachusetts Institute of Technology**, Cambridge, MA, USA
PhD. Electrical Engineering and Computer Science
Advisor: David R. Karger

2016–2019 **Massachusetts Institute of Technology**, Cambridge, MA, USA
M.S. Electrical Engineering and Computer Science
Advisor: David R. Karger

2012–2014 **University of California San Diego**, San Diego, CA, USA
M.S. Computer Science
Advisor: Ganz Chockalingam

2004–2008 **King Saud University**, Riyadh, Saudi Arabia
B.S. Computer and Information Sciences
Advisor: Nadia Al-Ghreimil

Experience

May–Aug 2020 **Google Research**, Mountain View, CA, USA
Research Intern
Advisor: Natasha Noy

June–Aug 2018 **Microsoft**, Bellevue, WA, USA
Research Intern
Advisor: Peter Bailey

June–Aug 2017 **Microsoft Research**, Redmond, WA, USA
Research Intern
Advisor: Susan Dumais

2014–2016 **Massachusetts Institute of Technology**, Cambridge, MA, USA
Research Affiliate

2014–2016 **Center for Complex Engineering Systems, KACST**, Riyadh, Saudi Arabia
Research Associate

2012–2014 **University of California San Diego, CALIT**, San Diego, CA, USA
Software Engineer Intern

2009–2011 **King Abdulaziz City for Science and Technology**, Riyadh, Saudi Arabia
Research Specialist

Publications

2020 **Tarfah Alrashed**, Jumana Almahmoud, Amy X. Zhang, and David R. Karger. ScrAPIr: Making Web Data APIs Accessible to End Users. *ACM Conference on Human Factors in Computing Systems (CHI'20).*

2019 **Tarfah Alrashed**, CJ Lee, Peter Bailey, Christopher Lin, Milad Shokouhi, Susan Dumais. Evaluating User Actions as a Proxy for Email Significance. *ACM Conference on The World Wide Web (WWW'19).*

2018 Lea Verou, **Tarfah Alrashed**, David R. Karger. Extending a Reactive Expression Language with Data Update Actions for End-User Application Authoring. *ACM Symposium on User Interface Software and Technology (UIST'18).*

2018 Leilani H. Gilpin, Danielle M. Olson, **Tarfah Alrashed**. Perception of speaker personality traits using speech signals. *ACM Conference on Human Factors in Computing Systems (CHI'18).*

2018 **Tarfah Alrashed**, Ahmed Hassan Awadallah, Susan Dumais. The lifetime of email messages: a large-scale analysis of email revisitation. *ACM Conference on Human Information Interaction & Retrieval (CHIIR'18).*

2016 **Tarfah Alrashed**, Jumana Almahmoud, Mohamad Alrished, Sattam Alsubaiee, Mansour Alsaleh, Carlos S. Olascoaga. Social Communities in Urban Mobility Systems. *In International Conference on Social Computing and Social Media (SCSM'16).*

2016 Jumana Almahmoud, Almaha Almalki, **Tarfah Alrashed**, Areej Alwabil. Prototyping Complex Systems: A Diary Study Approach to Understand the Design Process. *In International Conference of Design, User Experience, Usability (DUXU'16).*

2015 **Tarfah Alrashed**, Almaha Almalki, Salma Aldawood, Tariq Alhindi, Ira Winder, Ariel Noyman, Anas Alfaris, Areej Alwabil. An observational study of usability in collaborative tangible interfaces for complex planning systems. *In 6th International Conference on Applied Human Factors and Ergonomics and the Affiliated Conferences (AHFE'15).*

2015 **Tarfah Alrashed**, Almaha Almalki, Salma Aldawood, Anas Alfaris, Areej Alwabil. Coding Schemes for Observational Studies of Usability in Collaborative Tangible User Interfaces. *In International Conference on Human-Computer Interaction (HCII'15).*

2015 Salma Aldawood, Faisal Aleissa, Almaha Almalki, **Tarfah Alrashed**, Tariq Alhindi, Riyadh Alnasser, Mohammad K. Hadhrawi, Anas Alfaris, Areej Al-Wabi. Collaborative Tangible Interface (CoTI) for Complex Decision Support Systems. *In International Conference of Design, User Experience, and Usability (DUXU'15).*

Selected Media Coverage

May 2020 **Meet ScrAPIr, MIT's Swiss army-knife for non-coders to shake data out of APIs (It's useful for pro devs, too)**,
The Register

May 2020 **New From MIT/CSAIL: "Searching Websites the Way You Want"; Introducing scrAPIr**,
InfoDocket News

May 2020 **Searching websites the way you want** ,
MIT CSAIL News

March 2013   **Smartphone app speeds up border crossings**,
Los Angeles Times

March 2013   **Smartphone app speeds up border crossings**,
UC San Diego News Center

Nov 2012   **New Mobile App Tells Users When to Cross the Border**,
The Guardian UC San Diego

Nov 2012   **iPhone app lets border crossers determine best time to cross U.S. border**,
Homeland Security News Wire

Nov 2012   **Students Build App To Determine The Best Time To Cross Border**,
KPBS

Nov 2012   **Crowdsourcing Feature Lets iPhone Users Determine Best Time to Cross U.S. Border**,
UC San Diego News Center

Awards

2016   **King Abdulaziz City for Science and Technology**
Fellowship in support of doctoral research at Massachusetts Institute of Technology

2014   **Von Liebig Entrepreneurism Center Graduate Curriculum, UCSD**
Letter of Recognition

2013   **Mobile World Congress (MWC)**, Barcelona, Spain.
2nd Best Mobile App

2012   **King Abdulaziz City for Science and Technology**
Fellowship in support of Masters degree at University of California San Diego