

Houda El Mimouni

Computing Innovation (CI) Fellow, Postdoctoral researcher
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EDUCATION

- PhD** **Drexel University.** College of Computing and Informatics. *PhD in Information Science* Philadelphia, PA. 2021
Committee: Andrea Forte (Chair), Eric P. S. Baumer (Lehigh), Susan Fussell (Cornell), Susan Gasson (Drexel), Aleksandra Sarcevic (Drexel)
- MSILS** **Pratt Institute.** School of Information and Library Science. Brooklyn, NY. 2013
Fulbright Study Grant recipient
- BA** **Mohammed V University.** Rabat, Morocco. 2010
Bachelor of Arts in Language and Pedagogy
Bachelor of Arts in Linguistics
- BSIS** **School of Information Science.** Rabat, Morocco. 2009
Bachelor of Science in Information Science
- AS** **La Référence School.** Sale, Morocco. 2008
Specialization: *Computer Science and Software Development*

HONORS, AWARDS & GRANTS

- Awards**
- 2021 – 2023 CRA & CCC's NSF-funded Computing Innovation Fellowship
 - 2020 Eugene Garfield Doctoral Dissertation Award. Beta Phi Mu
 - 2018 Highly Commended Teaching Assistant. Graduate College. Drexel University
 - 2017 DIS 2017 Best Paper Award.
 - 2017 Phoebe W. Haas Endowed Fellowship for Academic Achievement
 - 2015 Ubicomp 2015 Best Paper Award.
 - 2015 Broadening Participation Workshop Grant. Ubicomp 2015
 - 2015 Phoebe W. Haas Endowed Fellowship for Academic Achievement
 - 2014 ASIS&T New Leaders Award. Received at the annual ASIS&T conference in Seattle, WA
 - 2013 METRO Innovative Internship Fellowship. NYU Libraries
 - 2013 Highest Honors Pratt Institute Circle Award for Outstanding Academic Achievement
 - 2013 Beta Phi Mu (International Honor Society for Library & Information Science and Technology)
 - 2011 – 2013 Fulbright Recipient for a Master's degree in Information and Library Science
 - 2006 – 2010 ISTIHKAQ (a merit scholarship awarded by the King Mohammed VI Foundation)
 - 2009 President of Students' Association Achievement Award. Ecole des Sciences de l'Information.

Travel Grants	2019	GHC 2019. Orlando, Florida. From Google
	2019	CSST summer school 2019. New Brunswick, NJ. From Consortium for the Science of Sociotechnical Systems (CSST)
	2019	ArabWIC 2019. Rabat, Morocco. From ArabWIC
	2018	Invitation to attend Human Computer Interaction Consortium (HCIC)
	2018	CHI 2018. Montreal, Canada. From Drexel CCI
	2017	ACM 50 Years of A.M. Turing Award Celebration as a SIGCHI Ambassador. San Francisco, CA. From SIGCHI
	2016	CHC 2016. Houston, TX. From Drexel CCI
	2016	ASIS&T conference. St. Louis, Missouri, MO. From Drexel CCI
	2016	Ubicomp conference. Osaka, Japan. From ACM
	2016	IFLA meeting. Cape-Town, SA. From Drexel CCI
	2015	ISKO conference. London, UK. From Drexel CCI
	2014	ASIS&T conference. Seattle, WA. From Drexel CCI
	2012	ASIS&T conference. Baltimore, MD. From Pratt SILS
	2012	ALA conference at Anaheim, CA. From Pratt SILS

EXPERIENCE

2011 **Computing Innovation Fellow & Postdoctoral Researcher**

R-House Laboratory for Human-Robot Interaction research. Informatics department. Indiana University Bloomington

2021 **Instructor of record.** IU Bloomington

2019- 2020 **Graduate Research Assistant.** Drexel University.

-**Project 1: Privacy Enhancing Technologies:** In this project we explore why and how people seek anonymity online, why, and how internet infrastructure supports it, and find ways to assess the value of anonymous online participation.

-**Project 2: Wikipedia and Trust:** In this project we examine how people judge the quality of information in Wikipedia articles, what factors contribute to that judgement and how to improve Wikipedia users' experience.

2017-2019 **Instructor.** INFO 608: Human Computer Interaction. Drexel University.

This graduate course focuses on the physiological, psychological, and engineering basis of design and evaluation of human-computer interfaces covering such topics as; theoretical foundation of HCI; cognitive modeling of user interactions; task analysis techniques for gathering design information; iterative design cycles; formative and summative usability testing; and project planning and report writing. This course is delivered online and face to face

2014-2017 **Graduate Research Assistant.** Drexel University.

-**Project 1: Cross-Cultural Study in the Use of non-verbal Cues in Computer Mediated Communication:** This project looks into the differences and the similarities in the use of non-verbal cues, such as emoticons, cross-culturally. We are specifically looking into American, Arab, and Korean tweets and weblogs.

-**Project 2: Teaching Kids Technology Using e-Textiles:** We use e-textiles to playfully teach kids computational thinking and making skills, such as coding, connecting cables, sewing and so on. During the teaching sessions, we collect data to study the learning process and how e-textiles improve the kids' technical and social abilities.

- 2013- 2014 **EdLab Services Associate.** Columbia University.
 -Planned usability testing for the mSchool platform
 -Provided reference, research assistance, and circulation services at the front desk
 -Instructed about the EdLab tools
- 2013- 2014 **User Experience Intern.** New York University Libraries.
 -Created a website for the Pratt UX practicum at NYU Libraries
 -Re-designed parts of the website of the NYU Libraries
 -Developed a collection of UX tools and materials for use by library and university staff members
 -Conducted usability tests and created a prototype for the Arabic Collections Online (ACO)

FIELDWORK

Telepresence robots in the classroom. Cornell University. (Spring 2018)

I observed students using telepresence robots to attend CMC classes. During the sessions, I collected data about the telepresence use by taking field notes, photos, videos and screen-recordings. I also conducted in-depth interviews after the sessions.

Teaching kids technology using E-textiles. Rainbow lab. (Spring 2014)

I assisted in organizing and delivering e-textiles classes to playfully teach kids computational thinking and making skills. During the teaching sessions, I observed and took notes to study the learning process and how e-textiles improve the kids' technical and social abilities.

SELECTED PUBLICATIONS

Conference Papers:

- **Houda El Mimouni**, John Paulin Hansen, Susan Herring, James Marcin, Marta Orduna, Pablo Pérez, Irene Rae, Janet C. Read, Jennifer Rode, Selma Sabanovic, Verónica Ahumada-Newhart. "Emerging Telepresence Technologies in Hybrid Learning Environments." Accepted at CHI 2022.
- **Houda El Mimouni**, Erica Racine, Patrick Skeba, Eric PS Baumer, and Andrea Forte. 2020. "What are PETs for Privacy Experts and Non-experts." In Symposium on Usable Privacy and Security.
- Kapllani, Levi, and **Houda El Mimouni**. 2020. "Gestalt principles in web design: A study of the usage of similarity, symmetry and closure in today's websites." Proceedings of the Association for Information Science and Technology 57, no. 1 (2020): e340.
- Ana Luísa Sertã, **Houda El Mimouni**, Louise Barkhuus, Rosie Cox, and Jennifer Rode. 2019. Digital Housekeeping, Gender and Domestic Work. In Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems (CHI EA '19). Association for Computing Machinery, New York, NY, USA, Paper SIG03, 1–4.
- **Houda El Mimouni**, Susan R. Fussell, Susan Herring, Carman Neustaedter, and Jennifer Rode. 2018. SIG on Telepresence Robots. In Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems (CHI EA '18). Association for Computing Machinery, New York, NY, USA, Paper SIG05, 1–4.

- Adel Al-Dawood, Norah Abokhodair, **Houda El Mimouni**, and Svetlana Yarosh. 2017. "Against Marrying a Stranger": Marital Matchmaking Technologies in Saudi Arabia. In Proceedings of the 2017 Conference on Designing Interactive Systems (DIS '17). Association for Computing Machinery, New York, NY, USA, 1013–1024 . (**Best Paper Award**. This is a prize awarded to less than 1% of submitted papers).
- David Hankerson, Andrea R. Marshall, Jennifer Booker, **Houda El Mimouni**, Imani Walker, and Jennifer A. Rode. 2016. Does Technology Have Race? In Proceedings of the 2016 CHI Conference Extended Abstracts on Human Factors in Computing Systems (CHI EA '16). Association for Computing Machinery, New York, NY, USA, 473–486.
- Jennifer A. Rode, Andrea Marshall, **Houda El Mimouni**, and Jennifer Booker. 2016. "Computational Making" (Abstract Only). In Proceedings of the 47th ACM Technical Symposium on Computing Science Education (SIGCSE '16). Association for Computing Machinery, New York, NY, USA, 494. (**Best Paper Award**. This is a prize awarded to less than 1% of the 2,000 submitted papers).
- Park, Jung-ran, Chris Yang, Yuji Tosaka, Qing Ping, and **Houda El Mimouni**. 2016. "Developing an automatic crawling system for populating a digital repository of professional development resources: A pilot study." *Journal of Electronic Resources Librarianship* 28, no. 2 (2016): 63-72.
- Jung-Ran Park, Akshay Sharma, and **Houda El Mimouni**. 2016. "Developing an automatic metadata harvesting and generation system for a continuing education repository: a pilot study." *IConference 2016 Proceedings*.
- **Houda El Mimouni** and Craig M. MacDonald. 2015. "Culture and information architecture: a study of American and Arab academic websites". In Proceedings of the 78th ASIS&T Annual Meeting: Information Science with Impact: Research in and for the Community (ASIST '15). American Society for Information Science, USA, Article 91, 1–4.
- Jennifer A. Rode, Anne Weibert, Andrea Marshall, Konstantin Aal, Thomas von Rekowski, **Houda El Mimouni**, and Jennifer Booker. 2015. "From computational thinking to computational making". In Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp '15). Association for Computing Machinery, New York, NY, USA, 239–250.

Peer-reviewed Journal Papers:

- Jung Ran Park, and **Houda El Mimouni**. 2020. "Emoticons and non-verbal communications across Arabic, English, and Korean Tweets." *Global Knowledge, Memory and Communication*.
- Irene Lopatovska, Aimee Slater, Caitlin Bronner, **Houda El Mimouni**, Leanora Lange, and Victoria Ludas Orlofsky. 2014. "In transition: academic e-book reading in an institution without e-books." *Library Review*.

Book Chapters:

- **Houda El Mimouni**, Jennifer Anderson, Nadaleen F. Tempelman-Kluit, and Alexandra Dolan-Mescal. 2018. "UX Work in Libraries: How (and Why) to Do It." In *Developing In-House Digital Tools in Library Spaces*, pp. 1-36. IGI Global.

Non-archival work:

- **Houda El Mimouni** and Selma Sabanovic. 2022. "Robotic Telepresence to Support Remote Classroom Attendance and Interactions. Position Paper. Exploring the Roles of Robots for Embodied Mediation. ICRA2022. Philadelphia, PA
- **Houda El Mimouni**, Andrea Forte and Susan Fussell. 2019. "Robotic Telepresence and Diversity in the Classroom". Position Paper. Learning from Team and Group Diversity: Nurturing and Benefiting from our Heterogeneity. CSCW 2019. Austin, TX.
- **Houda El Mimouni**. 2019. "User Centered Design". ARABWIC. Rabat, Morocco, March, 2019.
- **Houda El Mimouni** and Jennifer Rode. 2016. "Computational Making Experience.". Juried poster at iConference 2016 in Philadelphia, March 20, 2016.
- **Houda El Mimouni** and Jung-ran Park. 2015. "Transliteration and Retrieval Issues: Case of Arabic Language in Social Media." IFLA 2015. Cape Town, South Africa, August 15-21, 2015
- Jung-ran Park, Yuji Tosaka, Chris Yang, Qing Ping, and **Houda El Mimouni**. 2015. "Identifying Continuing Education Resources on New Data Standards and Technologies through an Automatic Crawling System." Proceedings of the International Society for Knowledge Organization UK Conference (ISKO-UK) 2015. London, UK, July 13-14, 2015.

INVITED TALKS & PANELS

Talks

- "*User Experience in Libraries*". The Arab Federation for Libraries and Information (AFLI). Online lecture. March 26, 2021
- "*Privacy Habitus? A Comparison of Privacy Experts' and Non-experts' Perceptions, Motivations and Use of Privacy Practices*." Informatics colloquium series. Indiana University Luddy School of Informatics, Computing, and Engineering. January, 2021
- "*User-Centered Design*." Hosted by School of Information Science in Morocco for its students and Alumni. School of Information Science, Rabat, Morocco. March, 2019
- "*Design Failures and Users Values*." Social aspects of information systems class. (Hosted by Prof. Jung-ran Park). Drexel University, Philadelphia, PA. February, 2019
- "*Robotic Telepresence for the classroom*" Computer Mediated Communication class. (Hosted by Prof. Susan Fussell). School of Information Science. Cornell University. Ithaca, NY. March, 2018

Panels

- "*Le rôle des sociétés savantes/professionnelles dans l'ouverture et l'enrichissement des acteurs du domaine des sciences de l'information*." Panel hosted by University of Toronto, l'Ecole des Sciences de l'Information and ASIS&T. Apr. 2021

- "Women Servicing Women in Computing and Beyond". at IEEE SERVICES 2020. WISC Symposium III, Beijing, China. October 18-24, 2020 (Invited Panelist). October, 2020
- "Robots and Research." With Jennifer A. Rode at the Intellectual Life Program. UCL Knowledge Lab. University College London, UK. June 2017

TEACHING EXPERIENCE

Indiana University: Instructor of record

Summer 2021: I300: Human-Computer Interaction (28 students, Undergraduate, co-taught w/ Andy Hunsucker) [Online]

Drexel University: Instructor of record

Winter 2021 : INFO608: Human-Computer Interaction (18 students, Graduate) [Online]
 Summer 2019: INFO608: Human-Computer Interaction (11 students, Graduate) [Hybrid]
 Spring 2019 : INFO608: Human-Computer Interaction (18 students, Graduate) [Hybrid]
 Winter 2019 : INFO608: Human-Computer Interaction (29 students, Graduate) [Hybrid]
 Fall 2018 : INFO608: Human-Computer Interaction (22 students, Graduate) [Hybrid]
 Summer 2018: INFO608: Human-Computer Interaction (18 students, Graduate) [Hybrid]
 Spring 2018 : INFO608: Human-Computer Interaction (15 students, Graduate) [Hybrid]
 Winter 2018 : INFO608: Human-Computer Interaction (30 students, Graduate) [F2F]
 Fall 2017 : INFO608: Human-Computer Interaction (7 students, Graduate) [Hybrid]

MENTORING EXPERIENCE

Mentor, Center of Excellence for Women & Technology, Indiana University. AY2021-22.

Student:

- Ritu Sundaram, undergraduate
- Hannah Li, undergraduate

SKILLS

Technology Skills

User Experience: Slickmap, Websort, Balsamiq, Axure, Omnigraffle

Content Management Systems: Drupal, Omeka, Joomla, Wordpress

Languages: Python, HTML, CSS, PHP, SQL, VB, Flash, Pascal

Statistical Tools: Sphinx, SPSS, Qualtrics

Methods

Qualitative Methods (Participatory Design, Interviewing, Observation), Usability, Lab Experiments, Heuristic Evaluations, Prototyping, User Interface Design

Language Skills

Arabic, French, and English: Full proficiency

Spanish: Working knowledge

Portuguese, German: Basic knowledge

SERVICE & MEMBERSHIPS

- Reviewing**
- National Science Foundation Fellowship 2021
 - CHI 2016, 2017, 2019, 2020
 - iConference 2016, 2017
 - DIS 2016, 2017, 2018
 - CSCW 2017, 2021, 2022
 - Ubicamp 2016, 2021
 - IDC 2017

- Conference Volunteering**
- PC. Grace Hopper Celebration (GHC) Conference. Orlando, FL, September 2022
 - Student volunteer. CHI Conference. Montreal, Canada, April 2018
 - Student volunteer. CHI Conference. Denver, CO, May 2017
 - Student volunteer. iConference, Philadelphia, PA, March 2016
 - Student volunteer. Grace Hopper Celebration (GHC) Conference. Houston, TX, October 2015
 - Student volunteer. Ubicomp Conference. Osaka, Japan, September 2015
 - Student volunteer. IFLA Congress (International Federation of Library Associations and Institutions). Cape Town, South Africa, August 2015
 - Student volunteer. World Information Architecture Day. New York City, NY, November 2013-2015

- Leadership Roles**
- *Graduate Liaison*, Drexel Women in Computing (WiCS). 2015- 2016
 - *Co-chair*, Pratt International Students' Association (PISA). 2011 - 2013
 - *President*, Moroccan Association for Students in Information Science (AMESI). 2008-2009
 - *President*, Cultural Committee of the AMESI. 2007
 - *General Secretary*, Moroccan Association for Students in Information Science. 2007-2008

- Professional Memberships**
- Association for Computing Machinery (ACM). 2014-Present
 - SIGCHI. 2014-Present
 - Association for Information Science and Technology (ASIS&T). 2012-Present
 - Arab Women in Computing Association for Computing Machinery (Arab WiCS) 2014-Present
 - Fulbright Alumni Association. 2013-Present