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FATIMA A. MOUSSAOUI

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Github: <https://github.com/FAM-CS>

Website: <https://fam-cs.github.io/>

EDUCATION

9/2021 – Oregon State University, Corvallis, OR
8/2025 B.S., Computer Science (*Applied focus in Human-Computer Interaction*)
(expected) Minor in Psychology and Statistics | GPA: 3.98
9/2019- Linn-Benton Community College, Albany, OR
3/2022

AWARDS

2023	Undergraduate Learning Assistant of the Year, School of EECS (Oregon State University)	\$500.00
2022	Drucilla Shepard Smith Award, Oregon State University	—
2021-2025	Finley Academic Excellence Scholarship, Oregon State University	\$8,000.00

PUBLICATIONS

4. Md Montaser Hamid, **Fatima A. Moussaoui**, Jimena Noa Guevara, Andrew Anderson, Puja Agarwal, Jonathan Dodge, Margaret Burnett. (Under Review). Inclusive Design of AI's Explanations: Just for Those Previously Left Out, or for Everyone?. arXiv: 2404.13217
3. Abrar Fallatah, Md Montaser Hamid, **Fatima A. Moussaoui**, Chimdi Chikezie, Martin Erwig, Christopher Bogart, Anita Sarma, Margaret Burnett. (Accepted with minor revisions). Intersectional HCI on a Budget: An Analytical Approach Powered by Types. *International Journal of Human-Computer Interaction*.
2. Andrew Anderson, Jimena Noa Guevara, **Fatima Moussaoui**, Tianyi Li, Mihaela Vorvoreanu, and Margaret Burnett. 2024. Measuring User Experience Inclusivity in Human-AI Interaction via Five User Problem-Solving Styles. *ACM Trans. Interact. Intell. Syst.* 14, 3, Article 21 (September 2024), 90 pages. <https://doi.org/10.1145/3663740>
1. Md Montaser Hamid, Amreeta Chatterjee, Mariam Guizani, Andrew Anderson, **Fatima Moussaoui**, Sarah Yang, Isaac Escobar, Anita Sarma, and Margaret Burnett. 2023. How to measure diversity actionably in technology. In *Equity, Diversity, and Inclusion in Software Engineering: Best Practices and Insights*. Springer Nature/Apress.

SELECTED MANUSCRIPTS IN PREPARATION

1. Andrew Anderson, Jimena Noa Guevara, **Fatima Moussaoui**, Md Montaser Hamid, Margaret Burnett. (In preparation). How to Find and Fix AI Inclusivity Bugs: A GenderMag Field Study.

AD HOC MENTORED REVIEWS

2022, 2023, 2024 Conference on Human Factors in Computing Systems (CHI)

RESEARCH EXPERIENCE

Undergraduate Research Assistant (NSF REU) | Oregon State University, Dr. Margaret Burnett

6/2022 – Present | Research area(s): HCI and Software, Inclusive design, Explainable Artificial Intelligence (XAI)

- Analyzed qualitative and quantitative data using GenderMag and InclusiveMag
- Helped design, prepare, and run lab sessions with participants

- Designed prototypes for usability evaluations
- Contributed to research papers through writing, designing figures, and reviewing manuscripts
- Mentored and supervised summer High School interns

WORK EXPERIENCE

Undergraduate Learning Assistant (TA) | Oregon State University

3/2022 – Present | Courses: CS162 (Intro to Programming II), CS261 (Data Structures), CS474 (Operating Systems II)

- Lead labs (15-30 students) and developed lab demonstration material to fit with class material
- Created educational materials to help students catch common programming bugs
- Held weekly study sessions for students to review course material OOP programming (C++)
- Held office hours for students and provided feedback on assignments

SKILLS

- Programming languages: Python, C++, C, HTML/CSS/JS (Frameworks: React, Svelte), Kotlin (Android mobile app development)
- Familiar with statistical procedures and R/RStudio
- Drawing/prototyping software (Figma, Photoshop, and Illustrator)
- Certified GenderMag evaluator and educator
- Interpersonal communication skills
- Bilingual in English and Arabic

ACTIVITIES

- 9/2017-3/2020: Volunteered over 150 hours as a Quran teacher at the Salman Alfarisi Islamic Center of Corvallis