Ghada M. Alsebayel

PhD candidate, Khoury College of Computer Sciences, Northeastern University

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Areas of Interest

Human Computer Interaction

Games for Health and Well-being

Personal Health Informatics

User-Centered Computing

Usability and User Experience

Affective Computing

Skills

Programming & Markup Languages: JavaScript, Python, C#, Java, HTML, CSS, Markdown, LaTeX, R

Research: Experimental Design, Mixed Methods, Qualitative and Quantitative Analysis, UX research, Technical Writing

Languages

Arabic: Native

English: Proficient CEFR C1 (TOEFL 110)

Formal Education

PhD student, Khoury College of Computer Science, Northeastern University, Boston, Massachusetts, United States [2020 – until now]

- Specialty: Human Computer Interaction, Gamification, Personal Health and Well-being
- Advisor: Casper Harteveld

MSc. Master of Science, Information Systems, Collage of Computer and Information Sciences, King Saud University, Riyadh, Saudi Arabia [2018]

First Class Honors Degree and 4.86 out of 5 GPA.

BSc. Bachelor of Science, Information Technology, Collage of Computer and Information Sciences, King Saud University, Riyadh, Saudi Arabia [2013]
First Class Honors Degree and a 4.78 out of 5 GPA.

Employment

Teaching Assistant, January 2015 – until August 2018
Teaching assistant at King Saud University, College of Computer and Information Sciences. Taught: Database Fundamentals (IS230), Software Engineering 2 (IT323), System Analysis and Design (IS240), Enterprise Resource Planning ERP (IS385), Java Programming (CSC111) and Human Computer Interaction and Visual Programming (IT211).

National Guard Health Affairs, December 2013 – until December 2014
Programmer analyst at the Clinical Information Management Systems (CIMS) department.

Community Service

Co-organized an Annual CS Summer School in the years 2016 – 2018
Co-founded and co-organized the first summer school for girls at KSU. The goal was to introduce high school students to concepts in artificial intelligence, robotics, programming, and games and encourage more females to pursue a career in STEM, Featured in local media

Peer-review
CHI 2022 (1 paper), CHI 2023 (4 papers) and ISAGA 2022 (3 papers)

Publications

Publications

Tochilnikova, E., Patnaik, A., **Alsebayel, G.,** Narayan, U., Coeytaux, A., Ramdin, V., ... & Harteveld, C. (2022, April). “Guilty of Talking Too Much”: How Psychotherapists Gamify Therapy. In Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems (pp. 1-17).

Bayoumi, S., Al-Zahrani, S., Sheikh, A., **Alsebayel, G**., Almagooshi, S., & Alsayigh, S. (2013, June). PCA-based palm vein authentication system. In 2013 International Conference on Information Science and Applications (ICISA) (pp. 1-3). IEEE.

Posters and Workshops

“PCA-Based Palm Vein Authentication System” in the Fifth Annual Undergraduate Research Conference on Applied Computing in Dubai (URC2013) for oral presentations category.

“Automated Associated Diseases Identification tool” in the Fifth Annual Undergraduate Research Conference on Applied Computing in Dubai (URC2013) for poster presentations category