

Zahra Vahedi



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Education

Ph.D. Industrial System and Engineering - Human Factors (2021-2025) SUNY at Buffalo

M.Sc. Ergonomics (2015-2018) Tehran University of Med. Sci. (GPA: 3.96 /4)

B.Sc. Occupational Health Engineering (2011-2015) Shahid Beheshti University of Med. Sci. (GPA:3.39/4)

Project experiences

Evaluating universal design for young and older adults, and people with disabilities in public buildings

Calculating shoulder fatigue recovery for warehouse workers in dynamic tasks

Testing usability and introducing an elderly-friendly banking application

Evaluating smartphone usability and satisfaction among older adult users

Evaluating physical tension on the neck among smartphone users from ergonomics perspective

Design and ergonomic assessment of an infusion set connector tool used in nursing work

Analyzing the Prevalence of musculoskeletal disorders among laboratories' technicians

Work Experiences

Research assistant – SUNY at Buffalo August 2021 – until present

Teacher assistant – SUNY at Buffalo August 2021 – January 2023

Administrative assistant of Ergonomics department – Iran university of medical sciences (IUMS)

December 2019- August 2021

Member of strategic planning committee – SPH (IUMS) May 2020 – July 2021

Research Assistant in TUMS January 2018 – April 2019.

Publicity Chair and advertising CEO of more than 20 Congresses, Conferences and scientific events January 2017 – April 2019

Deputy of Advertisement | USERN January 2018 – April 2019

Voluntary Job

Publicity Manager | USERN January 2017 – April 2018.

Voluntary Job

Occupational Health & Ergonomics Consultant | Babak Hospital Sep 2017 – Jan 2019

Cultural Coordinator | Iranian Body Part Donation Sep 2015 – Jan 2021

Voluntary Job

Active youth volunteer | Iranian Red Crescent Society Sep 2020 – Jan 2019

Voluntary Job

Research Skills

- Running experimental studies (qualitative/quantitative – questionnaire/interview based)
- Experimental Assessment Tools: Motion Capture, EMG, Force Plate, IUMs
- Observational Ergonomics Assessment Tools: REBA, RULA, ROSA, NASA-TLX, QEC, ART, NORDIC Questionnaire, Body Map

Skills

Computer: SPSS, Python, Cortex, Mokka

Organizational: teamworking, leadership, teaching/training, event management, policy analysis