Sara Hashemi

PERSONAL INFORMATION	**Date, place of Birth:** 30th March 1987, Tehran, Iran. **Nationality:** Iranian **Current position**: Accepted the postdoctoral position offered by Rochester Institute of Technology (RIT), NY, US. Awaiting the change of status from F-2 to J-1 **Current address**: Rochester, NY **Phone:** 585-754-7650 **Email:** sarahashemi87@gmail.com **Google Scholar:** https://scholar.google.com/citations?hl=en&user=Cah7O2oAAAAJ
RESEARCH INTERESTS	Deep Learning Medical Image Processing Statistics

EDUCATION

University of Tehran, Tehran, Iran

- **Ph.D.** in Information Technology Engineering
  - **Dissertation:** Feature Extraction and Classification of Multiview Images for Determining Hard Contact Lens Specification
  - **Supervisor:** Dr. Hadi Veisi, Assistant Professor.
  - Remark: University of Tehran is the most-acknowledged university of Iran, ranked among (301-400) top universities according to The Academic Ranking of World Universities
  - Sept. 2013- Apr. 2020

Tarbiat Modares University, Tehran, Iran

- **M.Sc.** in Information Technology Engineering
  - **Dissertation:** Simulation Based Data Flow Oriented Lean Design for Chest Pain Unit (CPU)
  - **Supervisor:** Dr. Mohammad Mehdi Sepehri, Professor.
  - **GPA:** 19.12/20 (95.6%)
  - **Remark:** Tarbiat Modares University is ranked among the Top three Universities in Iran
  - Feb. 2011- Sept 2013

Alzahra University, Tehran, Iran

- **B.Sc.** in Software Engineering
  - **Project:** Visual Evoked Potentials: A medical signal processing study
  - **Supervisor:** Dr. Reza Azmi, Associate Professor.
  - **Remark:** The main concern of researchers at Alzahra University is the issue of creativity and women
  - Sept. 2005- Sept. 2009

PUBLICATIONS

Book

- Title: Importance of Breast Feeding (Elements of Successful Lactation) Approved by Iran University of Medical Sciences, Published by Mahtab publishing company, 2009

Journal paper

- Hashemi S., Veisi, H. Jafarzadehpur, E., Rahmani, R., Heshmati, Z., 2020. "Multi-view Deep Learning for Rigid Gas Permeable Lens Base Curve Fitting Based on Pentacam Images", Journal of Medical & Biological Engineering & Computing.
- Hashemi S., Veisi, H. Jafarzadehpur, E., Rahmani, R., Heshmati, Z., 2020. "An Image Processing Approach for Rigid Gas Permeable Lens Base-Curve Identification", Journal of Signal, Image and Video Processing.
- Hashemi S., Shokri A., Amin-Naseri M.R., and Akbaripour H., 2015. "Design an Expert System for Management of Crowding and Overcrowding in Emergency Department" (in Persian), Journal of Industrial Engineering, Vol. 48, No. 2, pp. 281-292, (ISC Indexing).
- Bastani, F. & Hashemi, S. 2012. Effects of a Web Based Lifestyle Education on General Health and Severity of the Symptoms of Premenstrual Syndrome (PMS) among Female Students: A Randomized Controlled Trial. Procedia Social and Behavioral Sciences, 46, 335. 3362-6.
- Bastani, F., Hashemi, S., Bastani, N. & Haghani, H. 2010. Impact of preconception health education on health locus of control and self-efficacy in women. EMHJ, 16.

Journal paper submissions (Under review)

- Hashemi S., Veisi, H. Jafarzadehpur, E., Heshmati, Z., Rahmani, R., 2020. "Multi-view A Feature Fusion Technique for RGP Lens Base-Curve Identification in Multi-view Learning", Journal of Machine Vision & Applications.

Conference paper

- Hashemi S., Veisi, H. Jafarzadehpur, E., Rahmani, R., Heshmati, Z., 2019. "A CCA Approach for Multi-view Analysis to Detect Rigid Gas Permeable Lens Base Curve", 2019 IEEE Western New York Image and Signal Processing Workshop (WNYISPW).
- Hashemi, S., Hashemi, MS., 2018, Machine learning based Visual Evoked Potential (VEP) Signals Recognition (Poster), 2018 World Congress on Medical Physics and Biomedical Engineering, Tehran, Iran
- Shokri, A., Hashemi, S., Akbaripour, H., Amin Naseri, M.R. 2013. Designation of crowding and overcrowding detection and management expert system. 11th Iranian Conference on Intelligent Systems, Kharazmi University, February 26th to 28th, Tehran, Iran.
- Hashemi, S. and Azmi, R. 2011. Visual Evoked Potential (VEP) Signals Recognition Based on Selected Wavelet Features and SVM classifiers. IEEE International Conference on Computer Science and Automation

MAJOR ACHEIVEMENTS	- Postdoctoral fellowship offer at Rochester Institute of Technology (Accepted and waiting change of status), **2020** - Postdoctoral fellowship offer at University of Rochester, **2020** - Admitted as a full-time M.Sc. student at University of Rochester with Merit scholarship, **2020** - Admitted as a full-time M.Sc. student at Rochester Institute of Technology with Merit scholarship, **2020** - Ranked 19th in **2013** National Iranian PhD doctorate entrance exam - Ranked 1st among **2013** class graduates in the field of Information Technology Engineering in the Engineering Department at Tarbiat Modarres University
PROFESSIONAL EXPERIENCES	**University of Tehran, Tehran, Iran** - Teaching Assistant of Human Computer Interface course Fall 2014 **Tarbiat Modarres University, Tehran, Iran** - Information Technology research center Research expert Apr 2012 - December 2012 (9 months) - Computer center software programmer trainee Jul 2008 - Sep 2008 (3 months) **UNDP Iran, Tehran, Iran** - ASYCUDA World project clerk October 2009 - Dec 2009 (3 months) - Communication Working Group (CWG) volunteer Sep 2008 - Nov 2008 (3 months) **Nasim Institute of Foreign Languages, Tehran, Iran** - Part time English teacher 2005 – 2009 (4 years)
SKILLS	**Programming:** Matlab, Python, C, Java **Development Tools and Environments:** Tensorflow, Pycharm, Arena, MS Visual Studio, Eclipse **Database Systems:** SQL Server **Microsoft office:** Word, Power point, Excel, Access, Front page, Visio
ENGLISH PROFICIENCY	**IELTS general, Overall score 8, 7th November 2020** - L:8.5, S:8, R:7.5, W:7 **IBT, Total score of 105, 29th March 2009** - L:25, S:24, R:28, W:28 **Primary school** - Royal Mile Primary School, Edinburgh, Scotland, Great Britain
REFERENCES	Provided upon request