

Curriculum Vita

VIA SOMMARIVE 9 - POVO
TRENTO – 38123, ITALY
+39 328 472 2522

Iman Khaghani Far khaghanifar@disi.unitn.it

Education

PhD Candidate, Information and Communication Technology, University of Trento, Trento, Italy 2011-2014 (continuing)

Thesis Topic: Framework for the development of persuasive training application for the elderly. Supervisor: Professor Fabio Casati

*Note: In addition: EIT DTC doctoral student, Trento node (2011- 2014)

Master of Science, Information Systems, Eastern Mediterranean University, Famagusta, Cyprus 2009-2011

- Examination system for university students. Supervisor: Mehmet Ali Tut
- Graduated with high honor. (3.79/4)

Bachelor of Science, Information Technology, Eastern Mediterranean University, Famagusta, Cyprus 2005-2009

- Graduated with honor, (3.13/4)

Awards, Distinctions and Fellowships

- EIT DTC fellowship additional to the PhD funds.
- Grant for conducting research on EIT Virtual Social Gym project
- Research Assistant Fellowship for two years during the master studies by Eastern Mediterranean University.(2009-2011)
- Award for the year best project for the final project in fulfillment of the bachelor degree in Information Technology.
- Certificate of high honor student with GPA (3.83), 8th semester, Eastern Mediterranean University, School of computing and technology, Department of information technology (2009)
- Certificate of honor student with GPA (3.44), 7th semester, Eastern Mediterranean University, School of computing and technology, Department of information technology (2008)
- Certificate of honor student with GPA (3.17), 5th semester, Eastern Mediterranean University, School of computing and technology, Department of information technology (2007)
- Certificate of honor student with GPA (3.2), 1st semester, Eastern Mediterranean University, School of computing and technology, Department of information technology (2006)

Research Interests

I have a great interest in improving the quality of life of the senior citizen from young seniors to frail elderly. In this context, computer-mediated technologies play a significant role. I am investigating the opportunities that computers provide, which can motivate the isolated or

frail elderly to participate in the active society and also improve and train their social skills together with cognitive and physical abilities. Currently, I am involved in a project "EIT Virtual Social Gym", which aims to provide a persuasive ecosystem that motivates the independently living elderly to use and follow a computer mediated training plan and train with their friends in a virtual gym. I am interested in applying techniques such as gamification and social influence on the rigid training exercises to make them more fun and appealing by the elderly. I am also a EIT DTC student, in which I am planning to bring my research work into market at the end of my doctoral studies.

Selected Publications

(Google Scholar can help you find all my publications)

- Khaghani Far, Iman, Patrícia Silveira, Fabio Casati, and Marcos Baez. "Unifying Platform for the Physical, Mental and Social Well-Being of the Elderly." *Embedded and Multimedia Computing Technology and Service* (2012): 385-392.

Research Experience

- Research Assistant, Department of Information systems, Faculty of Arts and Sciences, Eastern Mediterranean University, Famagusta, Cyprus (2009-2011)
- Research Collaborator, LifeParticipation Group, ICT doctoral school, University of Trento, Italy (2011 to present)

Development Skills

- Web Technologies, (HTML, JavaScript [Advanced], CSS) + Mobile Web development
- Java, php, c#, Oracle SQL, and Mysql.
- System analysis and design.

Project Portfolio

- **Virtual Social Gym:** EIT project on a virtual gym for the elderly (iPad)
- **Persian PDF Converter:** A java application that can extract Arabic and Persian text from pdf files and store or automatically sends them to kindle E-book readers. <http://www.persiankindle.imanfar.com/downloads/>
- **ActiveBrain:** Cross-platform and simplified version of Step-Mania game for the elderly <http://www.lifeparticipation.org/activeBrain.html>
- **PhotoGallery:** Cross-platform gamified training plan for playing variation of the simplified step-mania <http://test.liquidjournal.org/activeage/platform/>
- **DraftyNotes:** Online/offline note manager based on HTML5 technologies (open source). Demo: <http://draftynotes.imanfar.com/>
- **Expry:** Online examination and assessment tool for University students.
- **SCT Portal:** Comprehensive online management system for automating and facilitating the process of course creation and managing students of school of computing and technology at Eastern Mediterranean University Demo: <http://sct.emu.edu.tr/courses/it/?id=ITEC255>

Language Proficiency

- English: Fluent reading, writing and speaking
- Persian: Native
- Turkish: Intermediate

References

- Fabio Casati,(supervisor) Professor at University of Trento - casati@disi.unitn.it
- Florian Daniel, Post Doc researcher DISI- University of Trento - Daniel@disi.unitn.it
- Vincenzo D,Andera, Head of EIT DTC Trento node - University of Trento - dandrea@disi.unitn.it