

## PERSONAL INFORMATION

## Tara Ghasempouri



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Sex Female | Date of birth 08/05/1984 | Nationality Iranian

## APPLIED FOR

## Exchange program

## EDUCATION AND TRAINING

**PhD student in computer science (from June 2013)**

University of Verona, Department of computer science

**Dissertation title: Improving ABV by automatic generation and abstraction of PSL assertions**

This work focus on generation and abstraction of PSL assertion in an automatic way and evaluating and improvement of quality of the extracted assertions.

Supervisors: Prof. Graziano Pavadelli and Prof. Franco Fummi .

**MSc., Computer Engineering**

Jan. 2008– Sept. 2011

Islamic Azad University, Tehran Branch, Iran.

**Dissertation title: Transforming Communication Diagram from Fuzzy UML to Fuzzy Petri net**

This research includes a proposed Algorithm which transforms Communication diagram from Fuzzy UML to Fuzzy Petri net in order to formalize Fuzzy UML and evaluates Reliability as a non-functional parameters.

Supervisors: Dr. H.Motameni and Dr. J.Akbari Torkestani

**BSc., Computer Engineering**

Jan. 2002 - Sept. 2007

Shomal University, Amol, Iran.

**Dissertation title: Design and Implementation of an Inpainting Algorithm for Damaged Pictures Retrieval**

This research includes a proposed algorithm for Inpainting the damage pictures and implement the algorithm in Matlab

Supervisor: Prof. H. Koohi .

## PUBLICATIONS

1. Nicola Bombieri, Franco Fummi, Valerio Guarnieri, Graziano Pravadelli, Francesco Stefanni, Tara Ghasempouri, Michele Lora, Giovanni Auditore, Mirella Negro Marcigaglia,, **Reusing RTL assertion checkers for verification of SystemC TLM models** Accepted for publication in «Journal of Electronic Testing: Theory and Applications» , pp. 1-13.

2. A. Danese, T. Ghasempouri, G. Pravadelli,, **Automatic extraction of assertions from execution traces of behavioural models** in Proc. of ACM/IEEE Design, Automation and Test in Europe (DATE) , Proceedings of "ACM/IEEE Design, Automation and Test in Europe (DATE)" , Grenoble, France , 9-13 March 2015 , 2015 , pp. 1-6.

3. N. Bombieri, F. Fummi, V. Guarnieri, G. Pravadelli, F. Stefanni, T. Ghasempouri, M. Lora, G. Auditore, M. Negro Marcigaglia,, **On the Reuse of RTL assertions in Systemc TLM Verification** in IEEE Latin-American Test Workshop (LATW) , Proceedings of "IEEE Latin-American Test Workshop (LATW)" , Fortaleza, Brasil , 12-15 March , 2014 , pp. 1-6

4. T. Ghasempouri, H. Motameni,, **Transforming Communication Diagram from Fuzzy UML to Fuzzy Petri net**, American Journal of Scientific Research, EuroJournals, ISSN 1450-223x, Vol 1, No 1, London, United Kingdom. 2011

5. T. Ghasempouri, H. Motameni,, **Evaluating the Reliability of Communication Diagram Using Fuzzy Petri Net**, The 2nd IEEE International Conference on Software Engineering and Service Sciences, ICSESS, china, July, 2011.

WORK EXPERIENCE

Working in Rayvarz Company as a Programmer ( Programming with C#) Spring and Summer 2008  
 Working in Rayvarz Company as an Analyzer using UML Autumn and winter 2008  
 Working in Black & White company as a web designer using Flash MX Spring and Summer 2009  
 Working as an analyzer in pooyajam company from fall 2011  
 Teaching C++ to BSc students for two years in Payamnoor University 2009  
 Teaching Database to BSc students for two years in Payamnoor University 2009  
 Teaching Pascal to BSc students in Islamic Azad University 2008

Mother tongue(s) Iranian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Italian	A2	A2	A2	A2	A2
Replace with name of language certificate. Enter level if known.					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages

### Computer skills

good command of Microsoft Office™ tools

able to work with all the different operating systems

I have designed several websites and online applications, utilizing technologies such as PHP,MySQL, HTML, Flash Mx and Java Script during my degree studies and work experiences.

I have gained a good understanding of principles and competent in Java through my studies and projects to design programming.

Many of my courses included project work where I designed and developed an application. This enhanced my skills and knowledge of design and testing available.