

younesnejahi

computer science phd candidate

about

Wayne State University
Department of
Computer Science
5057 Woodward
Avenue, Suite 2212
Detroit, MI 48202-4050

younes@wayne.edu
http://nejahi.com

languages

English
Farsi
Turkmen

programming

♥ C & C++
Python, C#
Java

web and markups

HTML, HTML5
XHTML, AJAX
Javascript, MySQL
CSS, CSS3
L^AT_EX

interests

parallel computing, general-purpose computation on graphics hardware, cuda programming, algorithmic problems, game design, web design

education

since 2014	Ph.D. candidate in Computer Science <i>Auto-Tuning Techniques for the GPU</i>	Wayne State University
2013-2014	M.Sc. Master of Science Majoring in Computer Science	Wayne State University
2007-2012	B.Sc. Bachelor of Science Majoring in Computer Science	Isfahan University of Technology
2003-2006	NODET- High School National Organization for Development of Exceptional Talents Majoring in mathematics and physics	Gorgan, Iran

experience

06-08 2015	Wayne State University <i>The Medical Education Support Group</i>	Instructional Assistant
06-08 2015	Wayne State University <i>CSC4500 - Introduction to Theoretical Computer Science</i>	Lecturer
08-05 2014	Wayne State University <i>CSC3750 - Introduction to Web Development</i>	Graduate Teaching Assistant
06-08 2014	Wayne State University <i>The Medical Education Support Group</i>	Instructional Assistant
08-05 2014	Wayne State University <i>CSC1000 - Introduction to Computer Science</i>	Graduate Teaching Assistant
01-05 2011	Isfahan University of Technology <i>Computer Architecture - Instructor: Dr. Mojtaba Mahdavi</i>	Laboratory Assistant
01-05 2011	Isfahan University of Technology <i>Advanced Programming Lab - Instructor Dr. Mojtaba Mahdavi</i>	Laboratory Assistant
06-08 2011	Sarvnet Company NetFPGA remote controller Under supervision of Prof. H. Saidi and Dr. A. Ghiasian	Internship
01-08 2007	ITECH Golestan Corporation Worked as a programmer	Software Developer

projects

Secure remote garage door controller implemented on raspberry pi

Garage door which simulated by a raspberry pi can be controlled by an app on your phone using a secured SSL connection

Dynamic network design and reconfiguration for Wireless Sensor Networks

Simulated a WSN which dynamically reconfigures to change some of the configuration of each node. This method can also be used to dynamically generate a network based on different topologies.

Interaction between ARQ and coding: retransmission versus heavier coding

There is a trade off between hard coding and retransmission of messages in a computer network. This project studies the impact of focusing on each of these methods.

Smart Home

Controlling an FPGA board via secured network (SSL protocol)

CNASProxy

CNASProxy is easy-to-use and powerful software to manage proxy servers to use a radius server.

Moderating Software

Designed and implemented a civil engineering moderating software for ITECH Golestan Corporation.

awards and honors

Nov 2010, Tehran

Honorable Mention at Regional Contest of ACM-ICPC, West Asia Site

Nov 2009, Tehran

Honorable Mention at Regional Contest of ACM-ICPC, West Asia Site

May 2002, Gorgan

Acceptance by National Organization for Development of Exceptional Talents

May 1998, Gonbad-e Qabus

Ranked as 1st of "Nemouneh Intermediate School". (One of two special schools for exceptionally talented students)

Nov 2005, Gorgan

Ranked as 2nd in Badminton State Competition

memberships

Since Summer 2013

GOMC research member

Since 2009

Member of ACM (Association for Computing Machinery) community

Dec 2006-Jun 2011

Badminton Team - Isfahan University of Technology

Sep 2002-Jun 2006

National Organization for Development of Exceptional Talents