



# Curriculum Vitae

**Sasan Nobakht**

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## Personal information :

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<b>Cell phone:</b> (+98) 9153128966	<b>Date of birth:</b> 12/28/1989
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	<b>Marital status:</b> Single

## EDUCATION AND QUALIFICATIONS

### B.Sc. In Computer Engineering

**2008/09-2012/04**

Khayyam University of Mashhad, Iran

[www.khayyam.ac.ir](http://www.khayyam.ac.ir)

- Field of Study: Computer Hardware Engineering
- GPA: 15 out of 20
- B.Sc. Project: Design and Construction Special Micromouse Robot With PID Controller and Optimized Algorithm
- Supervisor: Dr. Toktam Ghafarian

## PUBLICATION

- **Dr Nahid Hashemian , Sasan Nobakht**, *A model for classification of information for better knowledge creation*, IEEE ICECCO 2013, Ankara, Turkey, 2013.
- **Sasan Nobakht**, *Design and Construction of the Special Micromouse Robot With PID Controller and Optimized Algorithm*, bachelor thesis at Khayyam University of Mashhad, Iran, 2012.

## TEACHING EXPERIENCE

- Instructor of "Introduction to Digital Image Processing and Computer Vision Languages" as a teaching assistants (TA), Khayyam University, Winter 2012
- Instructor of "Machine Language Programming System" as a teaching assistants (TA), Khayyam University, Autumn 2009 and Autumn 2010
- Instructor of "Web Programming Languages" as a teaching assistants (TA), Khayyam University, Winter 2011 and Winter 2012
- Instructor of "C++ Language Programming" as a teaching assistants (TA), Khayyam University, Autumn 2009, Winter 2009 and Autumn 2012

## PROFESSIONAL EXPERIENCE

- **Conference on Electrical, Computer and Information Technology Engineering (CECIT) Congress, Mashhad, Iran, Nov. 2012**  
Member of Organizing Committee as Informatics Manager
- **MASHHADROBO Robo Cup 2011, Mashhad, Iran, March 2011**  
Member of technical Committee
- **International IRANOPEN Competitions, Tehran, Iran, April 2011**  
The main programmer of "Kiyam Quadrotor Flying Robots"

## PRESENTATIONS

- **Linux in Details**, CE department, Khayyam University, Mashhad, Iran, May 2012
- **Development of Sporadic Electricity Generators**, CECIT Congress, Mashhad, Iran, Nov. 2012

## PATENTS

- **Sasan Nobakht**, Geometrical Clock, I.R. Patent Application, Filed Januari 2014, Patent Pending
- **Sasan Nobakht**, Server-based authentication token, I.R. Patent Application, April 2013
- **Sasan Nobakht**, Urban Rally Full Calculator, I.R. Patent Application, August 2013

## HONORS AND AWARDS

- 6th place in 4rd SHARIFCUP Robotic Competition, Tehran, Iran, September 2015
- 2nd place in 3rd SHARIFCUP Robotic Competition, Tehran, Iran, September 2014
- 3rd place in 1st National Robotics Competitions, Shiraz, Iran, April 2014
- 4th place in the ROBOLAND National Robotics Competitions as a Member of Robocup Team, Firoozkooh, Iran, March 2013
- 5th place in the Khayyam National Robotics Competitions as a Member of Robocup Team, Neishaboor, Iran, September 2012
- 1st place in 2nd National Robotic Competition in Shahincup 2012 as a Member of Team, Isfahan, Iran, April 2012
- 3rd place in the 1st National Robotic Competition in Tabarestan 2012 as a Member of Team, Tabarestan, Iran, February 2012
- 2nd place in 1st SHARIFCUP Robotic Competition, Tehran, Iran, September 2012
- 5th place in the 2nd Regional Robotics Competitions in Ghoochan as a Member of Team, Ghoochan, Iran, November 2011

## LANGUAGES PROFICIENCY

- **English : IELTS (International English Language Testing System)**  
Academic, Overall Band Score 5.5 (Speaking 6.5 Writing 6 Listening 5.5 Reading 4.5)  
December 2014
- **Persian** : Mother Language
- **Arabic** : Elementary
- **Deutsch**: Elementary

## RESEARCH INTERESTS

Image Processing

Mobile Programming

Web Programming

Information Systems and Databases

- Distributed high dimensional data management
- Data streams

Distributed Systems and Networking

- Peer to peer systems
- Ad-hoc and self-organized networks
- Security in sensor networks

## COMPUTER SKILLS

- **Platforms:** Macintosh, Windows, Linux, MS-DOS
- **Programming Languages:** Pascal, C++, Delphi, Java, Visual C++, PHP, JavaScript, CSS, HTML, XML, Visual Basic, Python, Objective C
- **Web Technologies:** JQuery, Cake PHP, AJAX, Codeigniter framework
- **Database Environment:** SQL Server2005, Oracle, MySQL
- **Software:** MATLAB (Graphic), LATEX, Dreamviewer, Photoshop, Visual Studio, Microsoft Office, Altium Designer, Eclipse, Macintosh XCode

## WORK EXPERIENCE

**Programmer Analyst** **Full time: Jan. 2009 to Present**  
**Information Technology Services Center of Khayyam University (ITSC), Mashhad, Iran**

- Expert web developer
- Head of programing department

**System Analyst** **Full time: Aug. 2008 to Jan. 2009**  
**Sahba Rayaaneh Toos, Mashhad, Iran**

- Design and implementation of a custom accounting system
- Web developer and software programmer

**E-Advisor** **Part time: Jun. 2010 to Present**  
**Robo Part, Inc., Mashhad, Iran**

- Assemble and testing microcontroller-based control systems
- Verified design revisions and component layouts

## REFERENCES

- **Dr. Toktam Ghafarian**, Associate Professor in Department of Computer, Khayyam University, Mashhad, Iran  
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- **Dr. Jamshid Ghanbari**, Dean of faculty of Physics, Khayyam University, Mashhad, Iran  
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- **Dr. Majid Mazinani**, Associate Professor in Department of Software Engineering and Information Technology, Khayyam University, Mashhad, Iran  
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