

Hadi Lashkari-Ghouchani

Curriculum Vitae

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Positioning Statement

Quick learner, talented programmer and curious physicist.

Education

SHARIF UNIVERSITY OF TECHNOLOGY	M.Sc.	Physics	Feb.	2010
	GPA:	A (17.08/20=85.4%)	Sep.	2007
PAYAME-NOOR UNIVERSITY OF MASHAD	B.Sc.	Physics(Applied Solid state)	Jul.	2007
	GPA:	B (15.09/20=75.4%)	Sep.	2002

Computer Skill

Programming	Java, Android, J2SE, Python, Bash, C/C++, C# MySQL, PostgreSQL, PHP, YII HTML5/CSS3, javascript, jQuery, NodeJS, XML, Ajax, JSON Familiar with Fortran, Perl
OS	Linux(Ubuntu, Debian, OpenSUSE), Windows
Special Software	LaTeX, Mathematica, Sage, Ofbiz LibreOffice(Writer, Calc, Draw, Impress) Microsoft Office(Word, Excel, Power point, Publisher) Git, Subversion svn, Mercurial hg Familiar with Matlab, Euler, Maxima

Language

English	iBT:81 (Reading:21, Listening:21, Speaking: 18, Writing:21)
Farsi	Mother Tongue

Special Honor

44th rank	Among more than five thousand participants in the Nationwide Graduate Entrance Exam in Physics and Nanophysics branch at Spring 2007.
First rank	Among all students of Physics group of Payame-Noor University (50 students).

Research

Publication:

Spring 2014 *Energy-momentum conservation and Lipkin's zilch* [arXiv:1408.2802](#)
Cooperating with: [Dr. Hossein Alizadeh](#), graduate student at Boston University

Independent Research:

Fall 2013 *Electromagnetic's chirality, Metamaterials, Transformation optics*
Cooperating with: [Dr. Hossein Alizadeh](#), graduate student at Boston University

M.Sc thesis:

Fall 2010 *"Holographic Superconductivity and Rotating Black Hole"*
Supervisor: Dr. Shahrokh Parvizi

B.Sc projects:

Problem solving and simulating with Mathematica.
Finding eigenvalue of Schrodinger equation with shooting method and etc
Supervisor: Dr. Jamil Ariai

Work Experience

[Soha Company](#)

Spring 2015
Responsibility: Programmer
Languages: Java, Android, Sql Server, JSON
Project: Controlling and saving traffic of employees
Project: Developing a messenger

Persian Calendar

Fall 2014
Open Source
Implemented by: Python2. *Source:* [en.wikibooks.org](#)
Implemented by: Javascript. *Source:* [github](#)

Payame-Noor University

Fall 2014
Responsibility: Teacher
Courses Taught: Mathematical Physics

Sadjad University

Fall 2012 to Spring 2014
Responsibility: Teacher
Courses Taught: General Physics I & II

Payame-Noor University

Fall 2012 to Spring 2014
Responsibility: Teacher
Courses Taught: Application of Computers in Physics

Payame-Noor University

Spring 2012 to Spring 2013
Responsibility: Teacher
Courses Taught: Waves

Payame-Noor University

Spring 2012
Responsibility: Teacher
Courses Taught: Classical Mechanics

Reference

Upon your request
