

Hadi Lashkari-Ghouchani

Curriculum Vitae

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Positioning Statement

Quick learner, passionate developer and curious mathematician.

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

Android Library

Dagger 2, Butter Knife, OrmLite, Time4A, RxAndroid, EventBus
Volley, Retrofit, OkHttp, One Signal, Tour Guide
Android SDK and working with Android NDK

Android Test Library

Mockito Framework, Espresso

Tool

Gradle, Ant, Make
Git, Subversion, Mercurial, Confluence, Jira

Operating System

Linux(Ubuntu, Debian, Fedora), Android, Os X, Windows

Software Design Pattern

Creational patterns: Builder, Factory method, Singleton, etc.
Structural patterns: Adapter, Decorator, Module, etc.
Concurrency patterns: Join, Lock, Messaging design pattern, etc.

Language

Java 8, Python, Groovy, Bash, C/C++, C#
Familiar with Fortran, Perl

Special Software

\LaTeX , Mathematica, Sage, Ofbiz
Familiar with Mathlab, Euler, Maxima

Back-End Development

PHP, YII, MySQL, PostgreSQL, MsSql
HTML5/CSS3, Javascript, jQuery, NodeJS, XML, Ajax, JSON
Familiar with Spring Framework, Protobuf, Jetty

Work Experience

Hobby Taste

Winter 2017

Just a hobby android project

This project is meant to give you the ability to pick a place on map and let you upload pictures of that place, so others can comment on that.

Source: github.com

Hasin Technology

From fall 2015

To present

Responsibility: Senior Android Developer

Project: Implementation of push notification, help page, search page, inbox, handling intents, sending analytics' events and many other parts of [Myket](#) with a **scrum**-based planning.

Project: Improvement in **Gradle** configurations of [Myket](#), such as handling some tasks by defining Groovy functions.

Project: Improvement in **Maven** configurations of [Myket](#) to handle downloading of dependencies from locale **JFrog** server.

Project: Improvement in **Jenkins** configurations of [Myket](#) to handle continuous integration.

Project: Starting test driven development in [Myket](#) team.

Project: Irancell parental control application.

Its client side entirely implemented by me.

It includes two apps for parent as controller and child as launcher

It uses Dgger 2, OrmLite asynchronously, Time4A, EventBus,

Volley and One-Signal libraries.

Soha Company

From spring 2015

To summer 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: Python 2. *Source:* en.wikibooks.org

Implemented by: Java. *Source:* github.com

Payame-Noor University

Fall 2014

Responsibility: Lecturer

Courses Taught: Mathematical Physics

Sadjad University

From fall 2012

Responsibility: Lecturer

To spring 2014

Courses Taught: General Physics I & II

Payame-Noor University

From fall 2012

Responsibility: Lecturer

To spring 2014

Courses Taught: Application of Computers in Physics

Payame-Noor University

From spring 2012

Responsibility: Lecturer

To spring 2013

Courses Taught: Waves

Payame-Noor University

Spring 2012

Responsibility: Lecturer

Courses Taught: Classical Mechanics

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).
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Language

- English** *iBT:89 (Reading:24, Listening:27, Speaking: 19, Writing:19)*
- Farsi** *Mother Tongue*
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Research

Publication:

- Spring 2015 *Conservation of Optical Chirality in Superconductors as a measure for 5 dimensional Electromagnetism* [arXiv:1507.03517](#)
Cooperating with: [Hossein Alizadeh](#), graduate student at Boston University

Publication:

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

Independent Research:

- Fall 2013 *Electromagnetic's chirality, Metamaterials, Transformation optics*
Cooperating with: [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
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Reference

- Upon your request
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