

Hadi Lashkari-Ghouchani

Curriculum Vitae

Phone: +98-939-125-8116
Email: hadilashkari@gmail.com

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, RxJava, Google map, firebase
Volley, Retrofit, OkHttp, One Signal, EventBus
Familiar with ARToolkit and jni development

ANDROID TEST LIBRARY

Mockito Framework, Espresso Framework

TOOL

Gradle, Ant, Make, CMake, Git, Subversion, Mercurial
Android SDK and its command line, Android NDK

OPERATING SYSTEM

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

OPERATING SYSTEM TOOLS

Linux & Os X: Bash, Zsh, grep, sed, netstat, ps, screen, etc.
Android: adb, android, emulator, sdkmanager, etc.

DEVELOPMENT TOOLS

Atlassian Jira, Atlassian Confluence, Gitlab, Jenkins, JFrog, etc.

LANGUAGE

Java 7, 8, Python 2, 3, Groovy, Bash, Javascript, C/C++, C#, etc.

SPECIAL SOFTWARE

MathX, Mathematica, Sage, Ofbiz
Familiar with Mathlab, Euler, Maxima

BACK-END DEVELOPMENT

PostgreSQL, MySQL, MsSql, JPA
Spring boot Framework, Protobuf, RESTful
PHP, YII, HTML5/CSS3, jQuery, NodeJS, Ajax, JSON
Tomcat, Nginx

Work Experience

NOTE TAKING

Summer 2017

To save and remember your notes. Anyone can organize their notes in a free and simple way with this app.

It supports unlimited tree structure to organize notes in directories.

You can change the style of your note, such as bold, etc.

It uses Dagger, OrmLite, RxAndroid, etc.

Currently, It's in alpha release of Google Play. [Gitlab](#)

FREE MAP

Winter 2016

Just a hobby android project

This project allows anyone to pick a place on map and make a post to see by others.

It contains Android project as the client side beside a Spring server

It uses Dagger, OrmLite, RxAndroid, Google Map, Retrofit, JPA, etc.

[Github](#), [Google Play](#)

HASIN TECHNOLOGY

From fall 2015

To present

Responsibility: Senior Android Developer

Project: Implementation of search page, inbox page, handling Android intents, managing analytics' events and many other parts of [Myket](#) with scrum 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: Configuration of Jenkins pipeline of [Myket](#) to handle continuous integration with emulators and everything.

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

SOHA COMPANY

From spring 2015

To summer 2015

Responsibility: Programmer

Languages: Java, Jetty, Android, JSON, C#, Sql Server, SOAP

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

To spring 2014

Responsibility: Lecturer

Courses Taught: General Physics I & II

PAYAME-NOOR UNIVERSITY

From fall 2012

To spring 2014

Responsibility: Lecturer

Courses Taught: Application of Computers in Physics

PAYAME-NOOR UNIVERSITY

From spring 2012

To spring 2013

Responsibility: Lecturer

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).

Language

ENGLISH *iBT:89*

FARSI *Mother Tongue*

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
