**Resume  
Danial Alihosseiny**

Kian alley, Zarafshan St., Shahrake-e Gharb, Tehran, Iran • +989203960296 • d.alihosseiny@gmail.com

**Personal Information**

Marital status: Single

Hobbies: Workout, Video games

OBJECTIVES

**Researcher or Software Developer**  
looking for a position as a researcher or developer for AI software projects specially vision relevant projects

EDUCATION

Amirkabir University Of Technology (Tehran Polytechnic)

2013 – present

**BS of software engineering**

* GPA: 18.89
* Important Courses:
  + Principles of Computer & Programming
  + Advanced Programming
  + Discrete Structures
  + Data Structure & Algorithms
  + Design of Algorithms
  + Operating Systems Design
  + Computer Architecture
  + Engineering Ethics
  + Management & Control of Information Technology Projects
* Important Projects:
  + Principles of Computer & Programming: A simple C compiler in C
  + Advanced Programming: A 2D strategic game local network based in JAVA in a 5 membered team
  + Operating Systems Design: Modifying XV6 kernel in order to implement simplified version of Process Migration
  + Computer Architecture: Designing and implementing a simple CPU in Proteus

Borhan School -

Secondary School  
and  
High School

2006 - 2013

**Diploma of Mathematics**

* GPA: 19.77
* Important Activities:
  + Participating in 2D Football Simulation Courses

SKILLS

* Expert in JAVA SE development
* Good C, C++ programming knowledge
* Have experience in designing UI with GTK
* Know about ROS framework
* Have experience in designing and implementing the behavior of a humanoid robot in ROS framework
* Know about Localization methods in humanoid robots
* Average ability to understand and speak in English

WORK EXPERIENCE

Amirkabir University of Technology

Tehran 15914, Iran

Present – June 2016

**Researcher & Developer**

* Robot behavior designer and developer in ROS framework

* Researcher on Localization methods and concepts of humanoid robot

HONORS

* 3rd place in 2015 RoboCup tournament - Hefei China  
  Humanoid League  
  Teen Size Soccer Competition
* Being in the top 0.1% in country-wide university entrance exam between more than 250,000 participants in 2013  
  Field: Mathematics and Physics

REFERENCES

**Reza Safabakhsh**

Computer Engineering Department

Amirkabir University of Technology

Tehran 15914, Iran

Academic Degree: Professor

Email: safa@aut.ac.ir

Phone: (+98)(21)66959149....(+98)(21)64542728

Fax: (+98)(21)66419728....(+98)(21)66495521

**Ahmad Kardan**

Computer Engineering Department

Amirkabir University of Technology

Tehran 15914, Iran

Academic Degree: Assistant Professor

Email: aakardan@aut.ac.ir

Phone: 64542729

**Saeed Shiry Ghidary**

Computer Engineering Department

Amirkabir University of Technology

Tehran 15914, Iran

Academic Degree : Assistant Professor

Email: shiry@aut.ac.ir

Phone Number: 64542737