ALI AFLAKIYAN

Isfahan◇ Najaf Abad

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EDUCATION

Isfahan University of Technology *September 2014*
B.S. in Mechanical Engineering
Bachelor Thesis: Kinematics, Dynamics and Control of Spherical Robot.
Control of BHQ-1 in Simulink using Computed Torque Method and PID controller

EXPERIENCE

Iran Khodro July 2014 - August 2014
Car Electronics Repair *Najaf Abad, Isfahan*

· ECU and Sensors diagnostic tasks

Projects

· Design and manufacture of development board for ARM microprocessor
ARM7, AT91SAM7S, IAR, Altium Designer
· Control of stepper motor by printer port
LabView
· Design of hydraulic circuit system of steering roll
· Automation of roll cutting line
PLC (Siemens S7- 300)

RESEARCH INTEREST

· Robotics
· Mechatronics
· Intelligent systems
· Control

TECHNICAL STRENGTHS

Computer Languages	Pascal, MATLAB, C++
ARM Programming	IAR, Keil
AVR Programming	CodeVision
CAD	Catia
Other	Altium Designer, PLC (Simatic Manager, Siemens) , LabView

LANGUAGE

English	Medium
German	Basic

INTERESTS

Music	Piano, Guitar
Painting	Advanced