

Education

Ph.D.2014 -2021

Electrical Engineering/ Control Theory
Tarbiat Modares University, Tehran, Iran
Thesis Title: Identification of Nonlinear Hybrid Systems in a Bayesian framework

M.S. 2010 – 2013

Mechanical Engineering/Dynamics and Control
Shiraz University, Shiraz, Iran
Thesis Title: Dynamic and control of cable robots considering the elastic properties of cables

B.S.2004 – 2009

Mechanical Engineering/Applied Design
Iran University of Science and Technology (IUST), Tehran, Iran
Thesis Title: Application of FPGA in control systems

Work Experiences

November 2018 – July 2019

Researcher in Computer Department at Aalborg University

December 2016 – February 2018

Senior Engineer at Tavana Company, Tehran, Iran.

October 2014 – November 2018

Researcher in Automation Laboratory, Tarbiat Modares University, Tehran, Iran.

Research Interests

Robotics (Parallel and Serial Robotic Manipulators),
Modeling, Control and safety of Dynamical Systems;
System Identification;
Mechatronics;
Hybrid systems;
Embedded Controllers and Micro-controllers

Technical Skills

Analysis and Technical Software: Matlab Simulink, Adams, LabVIEW, Altium, Keil, Automation Studio, SolidWorks, AutoCad

Programming Languages: MATLAB, Python, C,

General Software: Windows, Microsoft Office, LATEX

Hardware: FPGA, ARM, AVR