

Atefe moosavinejad

MSc Student of Robotics (Amirkabir University of Technology)

Date of Birth: August 8th, 1991

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Marital Status: Married

Educations

- **Amirkabir University of Technology (Polytechnic Tehran)**
M.Sc. in Robotic Engineering 2013-Present
- **Qom university of technology (Qom,Iran)**
Communication engineering (2009-2013)

Open Courses studied

- GEORGIA INSTITUTE OF TECHNOLOGY'S online offering of Control of Mobile Robots
- MIT open course of Underactuated Robotics

Research and working projects

- Upper body push recovery in a humanoid robot
- Dynamic modeling and controlling humanoid robot
- Constructing and Control of Ballbot robot
- KUKA industrial robot project (A pick & place project by combination of KUKA robot and PLC)

Academic Honors and Awards

- 3th place of applied research in the 14th Khwarizmi youth festival
- 1th place in the Amirkabir robotics and artificial intelligence festival and the 4th national Khwarizmi robotics competition
- 1th place of the 7th international RoboCup Iran Open competitions 2012
- Recommendation of professor. Karrari, Shahab Danesh Institute president and Amirkabir university of technology faculty

Publications

- Zabihi Kheibari, H., Akbari, M., Nejad, M., & Sadat, A. (2013, February). Constructing IMU based On ADC and sensors calibration for Ballbot. In *Robotics and Mechatronics (ICRoM), 2013 First RSI/ISM International Conference on* (pp. 449-454). IEEE
- Akbari, M., Zabihi Kheibari, H., Nejad, M., & Sadat, A. (2013, February). Timing belt gearbox in Ballbot robot. In *Robotics and Mechatronics (ICRoM), 2013 First RSI/ISM International Conference on* (pp. 431-436). IEEE

Research Interests

- Analysis of underactuated robot such as Humanoid and Ballbot
- Human and robot interaction
- Mobile robots

Software Skills

- Engineering Software:
- Matlab and Simulink
- Adams
- Maple
- Mathematica
- Labview
- Delmia
- FluidSIM

Programming Languages

- C/C++
- MATLAB
- MAPLE Programming
- ROS and LCM programming