

Homayon Soltani

Field: Power Electronics



hsoltani@email.kntu.ac.ir ✉

09162490139 📞

linkedin.com/in/homayon-soltani-b79806134 **in**

EDUCATION

Bachelor's Degree

Shahid Bahonar university of Kerman

2013 – 2017

- He was honor as second-class in shahid bahonar university of kerman. Grade A(17.86). Member of Brilliant Talent Leadership Group(3 YEARS)

Master's Degree

K.N.Toosi university of Technology (Power Electronics and Electrical Machines)

2017 – Present

Thesis title

- Design and implementation of a bidirectional AC-DC converter with power factor correction (PFC)

WORK EXPERIENCE

Leadership

Research project (Techno-Economic Analysis of Equipping the Railway Transportation Systems with Breaking Energy Recovery Systems) at shahid bahonar university of kerman

2015 – 2017

Membership

Research project(Energy and Economy) at Iran's National Elites Foundation

2015 – 2017

SKILLS

Design and Implementation of power electronic converters

Matlab

ARM, AVR

Altium Designer

PLC, WINCC, LOGO

PUBLICATIONS

A novel power factor corrector, capable of DC-DC boost conversion for hybrid electrical systems(Power System Conference "PSC2018" (2018)

LANGUAGES

English

Professional Working Proficiency

INTERESTS

Design, Simulation and Implementation of different types of power electronic converters