

Amirhossein Maroufkhani

Electrical engineer



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Email

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City : Tehran

DoB : 27/3/1374

Marital Status : Single

Military Service Status : Exempt

About

The Electrical engineer with more than 2 years of experience working in the field of design DC-DC converters, soft switched converters, high gain DC-DC converters, Solar systems.

Education

- **Master Power electronic engineering**
Power electronic engineering
Institute/University: Khaje Nasir Toosi University of technology
2019-2017
- **Bachelor Electrical engineering**
Power engineering
Institute/University: Khaje Nasir Toosi University of technology
2017-2014

Work Experiences

- **Solar system designer**
Company : Sana
October 2018 – March 2019
- **Electrical engineer**
Company : NRI (Niroo reaserch institue)
June 2018 - October 2018

Skills

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Aotocad | <input checked="" type="checkbox"/> PVSyst | <input checked="" type="checkbox"/> Matlab |
| <input checked="" type="checkbox"/> Arm | <input checked="" type="checkbox"/> Altium Designer | <input checked="" type="checkbox"/> Digsilent |
| <input checked="" type="checkbox"/> Adobe Photoshop | <input checked="" type="checkbox"/> Microsoft Excel | <input checked="" type="checkbox"/> Design and implementation of DC-DC converters |
| | | <input checked="" type="checkbox"/> Ansys Maxwell |

Languages

| Listening Level | Speaking Level | Writing Level | Reading Level | Title |
|-----------------|----------------|---------------|---------------|---------|
| ★★★★ | ★★★ | ★★★ | ★★★★ | English |
| ★★★★★ | ★★★★★ | ★★★★★ | ★★★★★ | Persian |

Project Info

- **Estimation of Power factor and Inertia damping of power systems using phasor measurement data units**
For : Khaje Nasir Toosi University of Technology
Date : 2017
- **Design and implementation of a Soft-Switched High-gain Solar DC-DC converter**
For : Khaje Nasir Toosi University of Technology
Date : 2019

Researches

- Paper : [The estimation of inertia and load damping constants using phasor measurement data](#)**
Date : 2017

Achievements

- **Selected [2017 Smart Grid Conference \(SGC\)](#)**
Date : 2017
- **First Place in Top projects festival held at the undergraduate level in Khaje Nasir Al-Din Toosi University of Technology**
Date : 2017

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