

PERSONAL INFO

Name Indira Huseinagić

Birth 21.06.1986

Birthplace Bosnia-Herzegovina

Nationality

CONTACT

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PORTFOLIO https://indirahuseinagic.github .io/portfolio/

SOCIAL

https://www.xing.com/profile /Indira_Huseinagic

https://de.linkedin.com/in/ind ira-rustempasic-huseinagic-61788082

https://github.com/IndiraHuse inagic

INDIRA HUSEINAGIĆ

Electrical Engineer

WORK EXPERIENCE

2011-2017

Senior Assistant

International University of Sarajevo, Faculty of Engineering and Natural Sciences, Electrical and Electronics Engineering

- Teaching: Signals and Systems, Digital Signal Processing, Electrical Circuits I, Electrical Circuits II, Logic Design, Advanced Logic Design, Power Systems, etc.
- Project work: projects in C++ and Matlab
- Research activities: conference and journal papers
- Roles: program coordinator assistant, student advisor

EDUCATION

2008-2010

Master

University of Sarajevo, Faculty of Electrical Engineering Sarajevo, Department for Telecommunications.

2005-2008

Bachelor

University of Sarajevo, Faculty of Electrical Engineering Sarajevo, Department for Telecommunications.

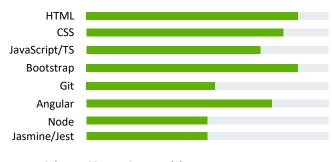
LANGUAGES & SKILLS

Languages

Bosnian: native English: fluent

German: conversational

Technical Skills



Other: jQuery, C++, Matlab, Lyx

OTHER

Driving Licence Category B

Membership

IEEE Society

Conference

- [1] I. Huseinagić, I. Džafić and R. A. Jabr, "A compensation technique for unsymmetrical three-phase power flow", 2016 International Symposium on Industrial Electronics (INDEL), Banja Luka, 2016, pp. 1-6.
- [2] T. Hrnjić, I. Huseinagić and T. Đonlagić, "Software architecture and communication protocols for integration of renewables in distribution smart grids", 2016 XI International Symposium on Telecommunications (BIHTEL), Sarajevo, 2016, pp. 1-6.
- [3] T. Hrnjić, I. Huseinagić and F. Pašić, "Object oriented graphical user interface development methodologies for distribution smart grid applications", 2016 XI International Symposium on Telecommunications (BIHTEL), Sarajevo, 2016, pp. 1-6.
- [4] I. Dzafic, I. Huseinagic, M. Music and E. Halilovic, "Software package for power system analysis", 2014 IEEE International Energy Conference (ENERGYCON), Dubrovnik, 2014, pp. 610-615.
- [5] I. Dzafic, I. Muhic, M. Music, I. Rustempasic and N. Lecek, "Fault location in distribution network using cumulative approach", *Eurocon 2013*, Zagreb, 2013, pp. 1352-1356.
- [6] A. Ali Aburas, I. Rustempasic, I. Muhic and B. Gheith Yildiz, "Communication Engineering Curriculum (Past, Present and the Future)", International Conference on Electrical, Computer, Electronics and Communication Engineering (ICECECE 2012), Zurich, Switzerland, July 5-6, 2012.

Journal

- [1] R. A. Jabr, I. Džafić and I. Huseinagić, "Real Time Optimal Reconfiguration of Multiphase Active Distribution Networks", in *IEEE Transactions on Smart Grid*, vol. 9, no. 6, pp. 6829-6839, Nov. 2018.
- [2] I. Dzafic, R. A. Jabr, I. Huseinagic, and B. C. Pal, "Multi-phase state estimation featuring industrial-grade distribution network models", *IEEE Transactions on Smart Grid*, vol. PP, no. 99, pp. 1–1, 2016.
- [3] I. Huseinagic, "Modern Distribution Management System and Voltage VAR Control", Southeast Europe Journal of Soft Computing, vol.4, no.2, pp. 13-20, Sep. 2015.
- [4] I. Huseinagic, "Optimal Feeder Reconfiguration Optimization problem in Power Distribution Networks", *Southeast Europe Journal of Soft Computing*, vol.4, no.2, pp. 38-45, Sep. 2015.

Book

[1] I. Dzafic, M. Hodzic, and I. Huseinagic, *Distribution System State Estimation, with examples in Matlab, C++ and AMPL*. International University of Sarajevo, 2014.