PERSONAL INFO

Name	Indira Huseinagić
Birth	21.06.1986
Birthplace	Bosnia-Herzegovina
Nationality	BIH

CONTACT

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

SOCIAL

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

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

https://github.com/IndiraHuseinagic

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**

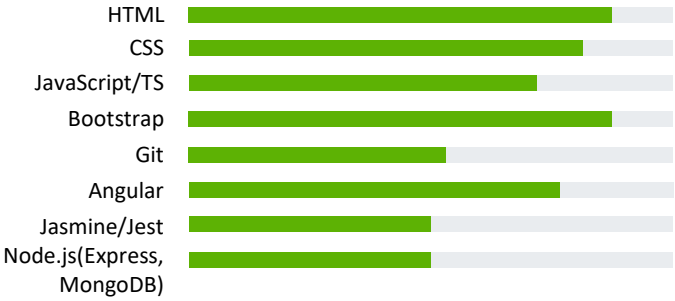
University of Sarajevo, Faculty of Electrical Engineering Sarajevo, Department for Telecommunications.

LANGUAGES & SKILLS

Languages

- **Bosnian:** native
- **English:** fluent
- **German:** conversational

Technical Skills



Other: jQuery, C++, Matlab, Lyx

OTHER

Driving Licence	Category B
Membership	IEEE Society

Munich, 2021

PUBLICATIONS

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.

Munich, 2021