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| Curriculum vitae  |  |
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| Personal data |  |
| Name | Csaba Farkas  |
| Address | 1111 Budapest, Egry József str. 18. V1 building 405. |
| Phone | +36/1-463-3069 |  |  |
| E-mail | farkas.csaba@vik.bme.hu |
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| Nationality | Hungarian |
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| Date of birth | 1987.09.05. |
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| Gender | male |
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| Work experience |  |
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|  |  2021 September – MAVIR Operational Security Development Department, business development engineer (part-time) 2021 January – 2021 August MAVIR System and Market Operation Development Department, system operation development engineer (part-time) 2020 July - 2020 December MAVIR Long- and Mid-term Operational Planning Department, network planning engineer (part-time)  2018 October - 2020 July MAVIR Resource and Network Planning Department, network planning engineer (part-time) 2017 January - 2018 October MAVIR Network Operational Planning Department, network modeling engineer (part-time) 2017 September - senior lecturer, Budapest University of Technology and Economics, Department of Electric Power Engineering  2015 – 2017 September assistant lecturer, Budapest University of Technology and Economics, Department of Electric Power Engineering 2012 - 2015 PhD student, Budapest University of Technology and Economics, Department of Electric Power Engineering 2010 June - July ELMŰ-ÉMÁSZ Network Optimalization Department, trainee 2009 June - July ELMŰ-ÉMÁSZ Network Optimalization Department, trainee  |
| Current position | Senior lecturer |
| Workplace | Budapest University of Technology and Economics, Department of Electric Power Engineering, 1111 Budapest, Egry József str. 18. |
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| Studies |  |
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|  |  2012-2015 Budapest University of Technology and Economics Faculty of Electric Engineering and Informatics Doctoral School of Electric Engineering 2010-2012 Budapest University of Technology and Economics Faculty of Electric Engineering and Informatics Electric engineering MSc Power systems major 2006-2010 Budapest University of Technology and Economics Faculty of Electric Engineering and Informatics Electric engineering BSc Power systems major 2002-2006 Fazekas Mihály Secondary School, Debrecen Specialization in mathematics  |
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| Competences |  |
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| Native language | Hungarian |
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| Other languages | English – full professional proficiencyGerman – professional working proficiency |
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| Computer skills | Basic computer skills (Word, Excel, Visual Basic)Network modeling software (DIgSILENT Power Factory, ATP-EMTP, Power World, PSS/E, NEPLAN)MATLAB and MATLAB/Simulink Basic Python  |
| Field of research | Power system operation, stability, and controlSimulation of converter-based generation units |
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| Memberships | 2016-2017 IEEE PES Member2013-2016 IEEE PES Graduate Student Member2010- MEE Hungarian Electrotechnical Association |
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| Publications | List of publications:<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10042702&view=simpleList> |