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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 | | |
|  | |  | | |
| Nationality | | Hungarian | | |
|  | |  | | |
| Date of birth | | 1987.09.05. | | |
|  | |  | | |
| 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 |  | |
|  |  | |
|  | 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 proficiency  German – 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 control  Simulation of converter-based generation units | |
|  |  | |
| Memberships | 2016-2017 IEEE PES Member  2013-2016 IEEE PES Graduate Student Member  2010- MEE Hungarian Electrotechnical Association | |
|  |  | |
| Publications | List of publications:  <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10042702&view=simpleList> |