# Vojislav Dukic

*PhD candidate*

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*https://vojislav.net*

*I'm interested in distributed and networked systems*

## ▇▇▇▇ Education

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|---|---|
| 2016–present | **PhD**, *ETH*, Zurich. <br> Distributed and networked systems; Advisor: Ankit Singla |
| 2014–2015 | **Master**, *FTN*, Novi Sad, Serbia, *avg. grade 10.00 out of 10*. <br> Applied computer science, Information systems |
| 2010–2014 | **Bachelor**, *FTN*, Novi Sad, Serbia, *avg. grade 10.00 out of 10*. <br> Computing and control engineering, Applied computer science |

## ▇▇▇▇ Publications

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| NSDI '19 | **Is advance knowledge of flow sizes a plausible assumption?** <br> Vojislav Dukic, Sangeetha Abdu Jyothi, Bojan Karlas, Muhsen Owaida, Ce Zhang, Ankit Singla (To Appear) |
| SoCC '18 | **Network Scheduling in the Dark** <br> Vojislav Dukic, Sangeetha Abdu Jyothi, Bojan Karlas, Muhsen Owaida, Ce Zhang, Ankit Singla (Poster) |
| PROFES '15 | **Information System Software Development with Support for Application Traceability** <br> Vojislav Dukic, Ivan Lukovic, Matej Crepinsek, Tomaz Kosar, Marjan Mernik |

## ▇▇▇▇ Experience

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|---|---|
| 2016-present | **Phd student**, *ETH*, Zurich, Switzerland. <br> Research in the domain of distributed and networked systems. <br> *https://systems.ethz.ch/* |
| 2015 | **Data science intern**, *EPFL*, Lausanne, Switzerland. <br> Machine learning for material discovery. <br> Supervised by Nicola Marzari. <br> *http://theossrv1.epfl.ch/* |
| 2014-2016 | **Teaching and Research Assistant**, *FTN*, Novi Sad, Serbia. <br> Teaching and research in the domain of domain-specific languages and information systems. <br> *http://www.ftn.uns.ac.rs/* |

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| 2016 | **System designer**, *Ava soft*, Novi Sad, Serbia. |
| | Full system design of a real-time safety platform. |
| | *https://ava.info/* |
| 2014 - 2016 | **Co-founder & System architect**, *Challengero*, Novi Sad, Serbia. |
| | Design and implementation of a web entertainment platform. |
| | *unsuccessful startup* |
| 2015 | **ERP designer**, *DOOB Innovation Studio*, Novi Sad, Serbia. |
| | Design and implementation of an ERP solution. |
| | *http://www.doobinnovation.com/* |
| 2014 | **ICT scholarship**, *Huawei*, Beijing-Shenzhen, China. |
| | Introduction to modern ICT solutions - workshop. |
| | *http://www.huawei.com/* |
| 2014 | **Big data intern**, *Levi9*, Novi Sad, Serbia. |
| | Design and development of a system that identifies influencers on social media. |
| | *https://www.levi9.com/* |
| 2014 | **ERP designer**, *Rajak*, Novi Sad, Serbia. |
| | Design and implementation of a web based information system. |
| | *http://www.rajak.rs/* |
| 2012 | **Compiler developer**, *RT-RK Institute for Computer Base Systems*, Novi Sad, Serbia. |
| | Implementation of C compiler architecture dependent optimizations for the Coyote DSP architecture. |
| | *http://www.rt-rk.com/* |

## Teaching

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| ETH Zurich | master: Advanced Computer Networks, Future Internet |
| | bachelor: Linear Algebra |
| FTN | master: Software Based Business Process Modeling |
| Novi Sad | bachelor: Object Oriented Programming, Compilers, Programming Languages and Data Structures, Computer architecture, Databases |

## Languages

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| Englisch | Fluency in reading and writing |
| German | Basic communication - *"Göthe Institut" B2 Prüfung* |
| Serbian | Native speaker |

## Scholarships and awards

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| 2016 | **Student of the year**, *FTN*, Novi Sad, Serbia. |
| | *http://www.ftn.uns.ac.rs/* |
| 2014 2015 | **Dositeja**, *Ministry of youth and sports*, Belgrade, Serbia. |
| | A scholarship for the best students of Serbia. |
| | *http://www.mos.gov.rs/dositeja/* |
| 2011 2012 | **Faculty Excellence Award**, *FTN*, Novi Sad, Serbia. |
| 2013 2014 | *http://www.ftn.uns.ac.rs/* |

2011 2012 **University Excellence Award**, *University of Novi Sad*, Novi Sad, Serbia.
2013 2014 *http://www.uns.ac.rs/*

2014 **Hemofarm Foundation Scholarship**, *Hemofarm Foundation*, Vrsac, Serbia.
*http://www.uns.ac.rs/*

2013 **University Scholarship**, *University of Novi Sad*, Novi Sad, Serbia.
*http://www.uns.ac.rs/*

2006-2015 **Privrednik Scholarship**, *Privrednik*, Novi Sad, Serbia.
*http://www.fondprivrednik.org.rs/*