


PERSONAL INFORMATION

dr Marko Krstić



 Sarajevska 38/19, 11000 Beograd, Republic of Serbia

 +381648776092

 marko.krstic@ratel.rs

 <http://www.mkrstic.com/>

Date of birth 01/11/1986 | Nationality Serbian

WORK EXPERIENCE

15.10.2019. - ...

Senior Cyber Security Advisor at Information Security and Technologies department

Regulatory Agency for Electronic Communications and Postal Services (www.ratel.rs)

Palmotićevo 2, 11000 Belgrade, Republic of Serbia

- National CERT (Computer Emergency Response Team)

16.08.2014 – 14.10.2019.

Advisor at Information Security and Technologies department

Regulatory Agency for Electronic Communications and Postal Services (www.ratel.rs)

Palmotićevo 2, 11000 Belgrade, Republic of Serbia

- Cyber security
- System administrator

15.08.2013 - 15.09.2014.

Trainee at Information Technologies department

Regulatory Agency for Electronic Communications and Postal Services (www.ratel.rs)

Palmotićevo 2, 11000 Belgrade, Republic of Serbia

- System administrator

EDUCATION AND TRAINING

2013-18.04.2019

PhD in Electrical Engineering and Computer Science

School of Electrical Engineering, University of Belgrade; GPA 10/10

- Personalized program guides
- Privacy protection
- Neural networks
- Machine learning

2010-2012

MSc in Electrical Engineering and Computer Science

School of Electrical Engineering, University of Belgrade; GPA 9.67/10

- System Engineering and Radio Communication

2005-2010

BSc in Electrical Engineering

School of Electrical Engineering, University of Belgrade; GPA 8.73/10

- Telecommunication and Information Technologies - System Engineering

PERSONAL SKILLS

Mother tongue Serbian

Other language	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

- Technical skills
- Design, implementation and maintenance of network infrastructure
 - Design of recommender systems
 - Design and implementation of MSSQL databases
 - Implementation of Big Data applications in Apache Spark
 - Natural Language Processing
 - Computer Vision
 - Penetration testing
 - Malware Analysis

- Programming skills
- Python (Numpy, Pandas, Sklearn, Keras, PySpark) – intermediate level
 - T-SQL – intermediate level
 - Matlab – basic level
 - R – basic level

ADDITIONAL INFORMATION

Publications

- M. Krstić, M. Bjelica: "Personalized Program Guide based on One-Class Classifier", IEEE Transactions on Consumer Electronics, Vol. 62, No. 2, May 2016, pp. 175-181; doi: 10.1109/TCE.2016.7514717; ISSN 0098-3063; IF = 1,12 (2015).
- M. Krstić, M. Bjelica: "Impact of Class Imbalance on Personalized Program Guide Performance", IEEE Transactions on Consumer Electronics, Vol. 61, No. 1, February 2015, pp. 90-95; doi: 10.1109/TCE.2015.7064115; ISSN 0098-3063; IF = 1,12.
- M. Krstić, M. Bjelica: "Context-Aware Personalized Program Guide based on Neural Network", IEEE Transactions on Consumer Electronics, Vol. 58, No. 4, November 2012, pp. 1301-1306; doi: 10.1109/TCE.2012.6414999; ISSN 0098-3063; **IF = 1,087**.
- M. Krstić, M. Bjelica: "Performance Metrics for Personalized Program Guides", Proceedings of the 13th Symposium on Neural Network Applications in Electrical Engineering (NEUREL), Beograd 2016, pp. 113-117, ISBN 978-1-5090-1529-0.
- M. Krstić, M. Bjelica: "Personalized TV Program Guide based on Neural Network", Proceedings of the 11th Symposium on Neural Network Applications in Electrical Engineering (NEUREL), Beograd 2012, pp. 227-230, ISBN 978-1-4673-1571-5.

Projects

- CASPER (Children Agents for Secure and Privacy Enhanced Reaction) project, funded by Next Generation Internet_TRUST
- Transnational Collaboration on Bullying, Migration and Integration at School Level (COST Action 18115) – Member Committee Substitute
- Digital forensics: evidence analysis via intelligent systems and practices (COST Action 17124) – Working Group 1 Member
- Electro-Active polyHIPE Polyelectrolytes – Bilateral project between Serbia and Slovenia

Conferences

- 1st International Summer School on Computational Forensics (SuCoFo2019), Lillehammer, Norway, 25 – 30. August 2019. – chosen as one of 15 participants.
- ACM Summer School on Recommender Systems, Bozen-Bolzano, Italy, 21-25 August 2017.
- Speaker at Data Science Conference, Belgrade, 11 – 12 October 2016.
- Blue Sky conference, Budapest, 17 – 19 June 2014.
- EYE (Empowering Young Explorers) Lab Surfing workshop, Belgrade, 11 – 12 March 2014.

Honours and awards

- 2nd place at Telesign 2019 datathon - Telco traffic classification

Memberships

- IEEE Student Member
- Member of UDIES – Electrical Engineers Society of Serbia

Courses

- Certified Ethical Hacker (CEHv10)
- Spark and Python for Big Data with Pyspark (Udemy)
- Data for Effective Policy Making (edX course by Inter-American Development Bank)
- Cisco Certified Network Professional (CCNP) Routing & Switching
- Cisco Certified Network Associate (CCNA) Exploration

Cyber Exercises

- ITU ALERT (Applied Learning for Emergency Response Teams), Europe Region Cyberdrill, Limassol, Cyprus, 26 – 30. November, 2018.

Certifications

- Transits I CSIRT(Computer Security Incident Response Team) Training Course
- EMC Data Science Associate Certificate
- Microsoft MCSA SQL 2012 Certificate