

PERSONAL INFORMATION

Miroslav Stefanović



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Sex male | Date of birth 27/05/1975 | Nationality Serbian

WORK EXPERIENCE

-
- March 2023 - **▪ Teaching Assistant with Ph.D.**

Faculty of Technical Sciences, University of Novi Sad

 - Courses: Object-oriented Information Technologies, Information Systems Architecture and Computer Networks, Design Patterns, Development of Software Products, Spatial Information Systems
 - Business or sector Education
 - June 2022 - **▪ Senior Software Engineer**

PanonIT, Novi Sad, Serbia

 - Business or sector Information technologies
 - January 2021 – December 2021 **▪ Senior Software Engineer**

Sigmoid, Novi Sad, Serbia

 - Business or sector Information technologies
 - May 2017 – December 2017 **▪ Software Engineer**

eTerra, Novi Sad Serbia

 - Business or sector Information technologies
 - Mar 2017 – February 2023 **▪ Teaching Assistant**

Faculty of Technical Sciences, University of Novi Sad

 - Courses: Object-oriented Information Technologies, Information Systems Architecture and Computer Networks, Design Patterns, Development of Software Products, Spatial Information Systems
 - Business or sector Education
 - Oct 2016 – Feb 2017 **▪ Computer Network Administrator**

Faculty of Technical Sciences, University of Novi Sad

 - Maintaining computer network, configuring Cisco switches, proxy servers (Squid), firewalls (PF)
 - Business or sector Education
 - Oct 2015 – Sep 2016 **▪ Teaching Associate**

Faculty of Technical Sciences, University of Novi Sad

 - Courses: Object-oriented Information Technologies, Development of Software Products, Information Systems Architecture and Computer Networks, Design Patterns, Web Oriented Information Technologies.
 - Business or sector Education

May 2010 – Sep 2015

▪ **Computer Network Administrator**

Faculty of Technical Sciences, University of Novi Sad

- Maintaining computer network, configuring Cisco switches, proxy servers (Squid), firewalls (PF)
- **Business or sector** Education

EDUCATION AND TRAINING

2016 - 2023

Ph.D. in Industrial Engineering and Management

Industrial Engineering and Management, Information and Communication Systems University of Novi Sad, Faculty of Technical Sciences, Department of Industrial Engineering and Management

2014 - 2016

MSc in Information technology

Thesis: Proposal of Domain Model for Securing Data Integrity of Cadastral System
University of Novi Sad, Faculty of Technical Sciences, Department of Industrial Engineering and Management

2010 - 2014

BSc in Engineering Management (Information management)

Thesis: Enterprise Development on Example of Hattrick Ltd
University of Novi Sad, Faculty of Technical Sciences, Department of Industrial Engineering and Management

PERSONAL SKILLS

Mother tongue(s) Serbian

Other language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C2 | C2 | C2 | C2 | C2 |
| French | B1 | B1 | B1 | B1 | B1 |
| DELF | | | | | |

Communication skills Good communication skills gained through the presentation of papers in scientific conferences and working as a teaching assistant with students

Digital competence

| SELF-ASSESSMENT | | | | |
|------------------------|-----------------|------------------|-----------------|-----------------|
| Information processing | Communication | Content creation | Safety | Problem solving |
| Proficient user | Proficient user | Proficient user | Proficient user | Proficient user |

ADDITIONAL INFORMATION

- Publications Stefanović M., Pržulj Đ., Stefanović D., Ristić S., Čapko D.: The Proposal of New Ethereum Request for Comments for Supporting Fractional Ownership of Non-Fungible Tokens, Computer Science and Information Systems, 2023
- Presentations Pržulj Đ., Dejanović I., Stefanović M., Lolić T., Sladojević S.: Domain-Specific Language for Land Administration System Transactions, International Journal of Geo-Information, <https://doi.org/10.3390/ijgi11080425>, 2022
- Projects Stefanović M., Pržulj Đ., Ristić S., Stefanović D., Nikolić D.: Smart Contract Application for Managing Land Administration System Transactions, IEEE Access, doi: <https://doi.org/10.1109/ACCESS.2022.3164444>, 2022
- Conferences Stefanović M., Pržulj Đ., Ristić S.: Overview of Application of Blockchain Technology in e-Government, 18th International Scientific Conference on Industrial Systems, Novi Sad, Serbia, 7-9 October 2020
- Seminars Bojkić M., Pržulj Đ., Stefanović M.: Possible Application of Service-Oriented Architecture in Domain of Land Administration System, 18th International Scientific Conference on Industrial Systems, Novi Sad, Serbia, 7-9 October 2020
- Honours and awards
- Memberships
- References
- Citations
- Courses
- Certifications

Bojkić M., Pržulj Đ., Stefanović M., Ristić S.: Usage of Dependency Injection Within Different Frameworks, 19th International Symposium INFOTEH-JAHORINA, Jahorina, Bosnia & Hercegovina, 19-21 March, 2020

Stefanović M., Ristić S., Stefanović D., Bojkić M., Pržulj Đ.: Possible Application of Smart Contracts in Land Administration, 26. Telekomunikacioni forum TELFOR, Beograd: Telecommunications Society - Belgrade, 20-21 November, 2018, pp. 787-790, ISBN 978-1-5386-7170-2

Stefanović M., Pržulj Đ., Ristić S., Stefanović D., Vukmanović M.: Blockchain and Land Administration - Possible Applications and Limitations, 5th International Scientific Conference on Contemporary Issues in Economics, Business and Management (EBM), Kragujevac: Faculty of Economics, University of Kragujevac, 9-10 November, 2018, ISBN 978-86-6091-082-2

Stefanović M., Pržulj Đ., Stefanović D., Vukmanović M., Ristić S.: OCL Specification of Inter-Register Integrity Constraints in Land Administration Systems, 28th Central European Conference on Information and Intelligent Systems, Varaždin: Faculty of Organization and Informatics, University of Zagreb, 27-29 September, 2017, pp. 273-281, ISBN 1847-2001, UDK: 004:007

Stefanović M., Pržulj Đ., Vukmanović M., Ristić S.: Mutual Impact of High Computer Network Utilization and Business Processes, 17th International Scientific Conference on INDUSTRIAL SYSTEMS - IS, Novi Sad, 4-6 October, 2017