Curriculum Vitae (English)

First and last name	Ivana Marković
Date of birth	20.12.1979.
Place of birth	Niš
Nationality	Serbian

Education

Degree	Institution	Date
Bachelor of Science in Electrical Engineering and Computer Science	Faculty of Electronic Engineering, Unviersity of Niš	2005.
Master of Electrical Engineering and Computer Science	Faculty of Electronic Engineering, Unviersity of Niš	2010.
PhD degree in Electrical Engineering and Computer Science	Faculty of Electronic Engineering, University of Niš	2018.

Personal skills and competences

Foreign language 1 (level)	English
Foreign language 2 (level)	German
Computer skills	
Other skills	

Professional / Work experience

Position	Employer	Period
Programmer	Ilumnis technologies	2006
Teaching associate – Assistant professor	Faculty of Economics, University of Nis	2008 -

Academic carier

	Election date
Teaching associate	1.10.2008.
Assistant	1.08.2011.
Assistant professor	21.09.2018.
Associate professor	
Full professor	

Extracurricular activities

Participation in domestic projects:
• Competitiveness and the sustainable development of the economy of the Republic of Serbia. Research project headed by: Faculty of Economics, University of Niš, 2015-2017. • Anti-crisis policies and post-crisis processes: The challenges for economic sciences. Research project headed by: Faculty of Economics, University of Niš, 2013-2015. • Science and the world economic crisis. Research project headed by: Faculty of Economics, University of Niš, 2009-2012.
Participation in international projects:
Professional development:
Attended the University of Dortmund (Germany) as a researcher at the Department of Computer Science as part of the TEMPUS CD JEEP 16160/2001 Innovation of Computer Science Cirrriculum in Higher Education project
Lectures held at other institutions, at home and abroad:
Membership of professional bodies:
Realized training, seminars or lectures by invitation:
Key qualifications:
Data mining, Machine learning

Main references

1.	**Marković**, **I.,** Stojanović, M., Božić, M. & Stanković, J. (2015). Stock Market Trend Prediction Based on the LS-SVM Model Update Algorithm. *ICT Innovations 2014, Advances in Intelligent Systems and Computing*, *Springer*, 311, 105-114. DOI: 10.1007/978-3-319-09879-1_11
2.	Stanković, J., **Marković**, **I.** & Stojanović, M. (2015). Investment Strategy Optimization Using Technical Analysis And Predictive Modeling In Emerging Markets. *Procedia Economics and Finance*, 19, 51–62. doi:10.1016/S2212-5671(15)00007-6
3.	**Marković, I**., Stojanović, M., Stanković, J. & Stanković, M. (2017). Stock market trend prediction using AHP and weighted kernel LS-SVM. *Soft Computing*. doi: 10.1007/s00500-016-2123-0
4.	Radović, O., Stanković, J., **Marković**., **I.** (2015). Wealth Distribution In An Artificial Financial Market With Agent Adaptation. *Teme*, 39 (4), 1149-1163.
5.	**Marković**, **I.,** Stojanović, M., Stanković, J. & Božić, M. (2014). Stock Market Trend Prediction using Support Vector Machines. *Facta Universitatis, Ser.: Automatic Control and Robotics*, 3 (13), 147-158.
6.	Stanković, J., **Marković**, **I.** & Radović, O. (2015). Предвиђање тренда belex15 индекса и његових конституената помоћу LS-SVM метода. *Анали Економског факултета у Суботици*, 51 (34), 251-264. ISSN: 0350-2120.
7.	**Marković**, **I.,** Stojanović, M. & Božić, M. (2014). Stock Market Trend Prediction Using a Sparse Bayesian Framework. Zbornik radova sa *12th Symposium on Neural Network Applications in*

	Electrical Engineering (NEUREL 2014), str. 207-210, Beograd, Republika Srbija.
8.	**Marković**, **I.,** Stanković, J., Stojanović, M. & Božić, M. (2014). Prediction of the stock market trend using LS-SVMs based on technical indicators. *Zbornik radova sa internacionalne konferencije ICEST 2014*, 1, 61-64, Niš, Republika Srbija
9.	**Marković**, **I.,** Stanković, J., Stojanović, M. & Božić, M. (2014). Predviđanje promene trenda vrednosti berzanskog indeksa Belex15 pomoću LS-SVM klasifikatora. *Zbornik radova sa internacionalne konferencije: Infoteh 2014*, 13, 739-742.
10.	Stanković, J. & **Marković**, **I.** (2011). Comparasion of data integration mathods. *XXXVII Simpozijum o operacionim istraživanjia SYM-OP-IS 2011*, стр. 80-84.