

PERSONAL INFORMATION

Natasa Vujnovic Sedlar

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WORK EXPERIENCE

02/2016–Present

Independent consultant

NVS Strategy, Novi Sad (Serbia)

- Project manager
- Initiation, planning, design, execution, monitoring, controlling and closure of a project
- Innovation capacity building
- Innovation management
- Develop clear goals in line with findings and agreed strategies, identifies priorities, foresees risks and makes allowances accordingly;
- Review the success and achievements against agreed targets, identifying strengths, weaknesses, and areas for improvement;

04/2016–Present

Eipix Entertainment Ltd.

- Project manager of developing AR games at HoloBalance project
- Project manager of the game Chronicles of the Overworld, funded by Media, Creative Europe Programme, ref. nr: 2016-2353/001-001-577646-CREA-1-2016-1-RS-MED-DEVVG - <https://www.eipix.com/games/lightstep/>

06/2016–Present

Key account manager (KAM), KAM coordinator

Enterprise Europe Network

- Innovation awareness (information on innovation-related policies, legislation and support programmes; links with local innovation stakeholders; information about access to local sources of funding/support)
- Innovation capacity building (innovation audits and strategy advice; advice on intellectual property rights; technology and innovation brokerage services; advice on technology marketing; advice on access to finance for innovation; support to access funding programmes (including Horizon 2020))
- Innovation management (perform an innovation management capacity and gaps assessment, in close cooperation with senior management; develop an action plan to tackle identified gaps; help business carry out the action plan; indicate paths for further development)
- Horizon 2020 SME Instrument (help beneficiaries identify coaching needs and select suitable business coaches; facilitate the coaching process; empower beneficiaries to successfully conclude their project; plan the next development phase)

2010–Present

Evaluator of the National competition for the best technology innovation in Serbia

01/2009–Present

Project consultant

Enterprise Europe Network (Serbia)

- International partnerships - Expert advice for growth and expansion into international markets.
- Advice for international growth - Support in finding the right international partners to grow and

expand abroad.

- Support for business innovation - Solution-driven services to help turn your innovative ideas into international commercial successes.

05/2005–03/2016

University researcher

Faculty of Technical Sciences, Novi Sad (Serbia)

- Research work in domain of speech technologies
- Research work on speech technologies tools and applications for disable people
- Deputy research leader for the projects dedicated to development of speech technologies tools and applications for disable people
- Project writer

10/2004–03/2016

Project manager

AlfaNum speech technologies Ltd., Novi Sad (Serbia)

- Proposal writer
- Fundraising
- Coordination and completion of projects on time within budget and within scope
- Monitoring progress of project
- Creating project documentation and reports

EDUCATION AND TRAINING

10/2005–09/2014

Industrial Engineering and Management

Master's degree

Faculty of Technical Sciences, University of Novi Sad, Novi Sad (Serbia)

10/1995–10/2004

Electrical and Electronics Engineering

Master's degree

Faculty of Technical Sciences, University of Novi Sad

PERSONAL SKILLS

Mother tongue(s) Serbian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
German	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages - Self-assessment grid

Driving licence B

ADDITIONAL INFORMATION

Projects

- Enterprise Europe Network, 2009-
- Improving competitiveness of Serbian SMEs through implementation of integrated services focused on innovative capacities, productivity and internationalization, H2020-EEN-SGA, 2016
- New extended EEN innovation support service for innovative SMEs in Serbia, H2020-EEN-SGA2-2017-2018

- EEN InnoS Journey, Horizon 2020, Project: 831362
- Chronicles of the Overworld, funded by Media, Creative Europe Programme, ref. nr: 2016-2353/001-001-577646-CREA-1-2016-1-RS-MED-DEVVG, 2017-2018
- HOLOBALANCE, project funded by Horizon 2020 Framework Programme, research and innovation action, Agreement Nr: 769574, 2018 - 2021
- Cross-Modal Analysis of Verbal and Non-Verbal Communication – COST 2102, 2009-2011
- TTS portal, 2010
- TTS Technology for Embedded Devices – TESTED, Eureka project, 2009 – 2011
- Intelligent Telephone E Mail Access – iTEMA, Eureka project, 2006 – 2008

Publications

- D. Pekar, D. Mišković, D. Knežević, N. Vujnović Sedlar, M. Sečujski, V. Delić: "Applications of Speech Technologies in Western Balkan Countries", invited chapter in *Advances in Speech Recognition*, Noam Shabtai (Ed.), ISBN: 978-953-307-097-1, **SCIYO**, Available from: [http://www.intechopen.com/articles/show/ title/applications-of-speech-technologies-in-western-balkan-countries](http://www.intechopen.com/articles/show/title/applications-of-speech-technologies-in-western-balkan-countries), **2010**, pp. 105-122 (Cited by 3 (scholar.google)) (M14)
- V. Delić, M. Sečujski, N. Vujnović-Sedlar, D. Mišković, R. Mak, M. Bojanić: "How Speech Technologies Can Help People with Disabilities", **SPECOM** - 16th International conference "Speech and Computer", Lecture Notes in Artificial Intelligence (Springer), Novi Sad, Serbia, ISBN: 978-3-319-11581-8, 05-09.10.2014, pp. 243-250 (M33)
- S. Ostrogonac, N. Vujnović-Sedlar, B. Popović, M. Sečujski, D. Pekar: "An Educational Application Comprising Speech Technologies for Serbian Adapted to Visually Impaired Children - anMasterMind", 4. International Conference on Information Science and Technology (ICIST), Kopaonik: Informaciono društvo Srbije, 9-13 Mart, 2014, ISBN 978-86-85525-14-8, pp. 422-427 (M33)
- V. Delić, M. Sečujski, M. Bojanić, D. Knežević, N. Vujnović Sedlar, R. Mak: "Aids for the Disabled Based on Speech Technologies - Case Study for the Serbian Language", XI International Conference - ETAI-2013, Ohrid, Macedonia, 26 28.09.2013, Org: Society for Electronics, Telecommunications, Automation and Informatics of the Republic of Macedonia, ISBN: 978-9989-630-68-2, pp. E2-1.1-E2-1.4, <http://etai.feit.ukim.edu.mk> (M33)
- B. Lučić, N. Vujnović Sedlar, V. Delić: "Computer game LUGRAM – aid which contributes to education of blind and partially sighted children using speech technology", 2nd International Acoustics and Audio Engineering Conference - TAKTONS-2013, 13-16.11.2013, Novi Sad, Serbia, ISBN: 978-86-7892-555-9, Org: RTV Vojvodine, AES, FTN, pp. 104-107, <http://www.taktons.com> (M33)
- M. Gnjatović, N. Vujnović Sedlar, V. Delić: "Linguistic Encoding of Temporal Relations in Robotic System Scenarios", 10th IEEE International Symposium on Intelligent Systems and Informatics, SISY-2012, Subotica, Serbia, 20 22.09.2012, Org: Subotica Tech, Óbuda University, UNS, ISBN: 978-1-4673-4751-8, DOI: 10.1109/SISY.2012.6339537, pp. 323-328 (M33)
- B. Lučić, N. Vujnović Sedlar, V. Delić: "Mogućnosti primene govornih tehnologija u razvoju obrazovnog softvera u školama", 20th Telecommunications Forum, TELFOR-2012, Belgrade, Serbia, 20 22.11.2012, ISBN: 978-1-4673-2984-2, Org: Telecommunications Society, pp. 1468-1471 (M33)
- N. Vujnović Sedlar, D. Mišković: "Audio Library - a system for remote reading and learning intended for the visually impaired", 14th International Scientific Conference on Industrial Systems, Novi Sad, October 2-3, 2008, ISBN 978-86-7892-135-3 (M33)
- V. Delić, N. Vujnović Sedlar, M. Sečujski: "Speech-Enabled Computers as a Tool for Serbian Speaking Blind Persons", 5th IEEE Inter. Conference **EUROCON**, Beograd, **2005**, ISBN 1-4244-0049-X, DOI: 10.1109/EURCON.2005.1630290, pp. 1662-1665 (Cited by 4 (scholar.google)) (M33)
- V. Delić, N. Vujnović Sedlar: "Stereo Presentation and Binaural Localization in a Memory Game for the Visually Impaired", 2nd COST 2102 International Training School, Dublin, Ireland, 23-27.03.2009, *Revised Selected Papers in Development of Multimodal Interfaces: Active Listening and Synchrony*, Lecture Notes in Artificial Intelligence, **LNAI**; A. Esposito et al. (Eds.), Springer, Heidelberg, ISBN 978-3-642-12396-2, LNCS 5967, ISSN: 0302-9743, April **2010**, pp. 354-363, DOI: 10.1007/978-3-642-12397-9 (Cited by 4 (scholar.google)) (M52)
- B. Lučić, N. Vujnović Sedlar, V. Delić: "Computer Game Lugram - the Version for the Blind Children", ("Ilija Stojanović" Award for the best TELFOR 2010 scientific paper) *Telfor Journal*, ISSN 1821-3251, Vol. 3, No 1, **2011**, pp. 54-59 (M53)

- V. Delić, N. Vujnović Sedlar, D. Mišković, M. Grnjatović, B. Borovac, B. Milosavljević, Z. Konjović: “Iskustva i perspektive naučno-istraživačkog rada na FTN u oblasti asistivnih tehnologija”, XVIII skup Trendovi razvoja, **TREND 2012**, ISBN 978-86-7892-388-3, Kopaonik, 27.02.-01.03.2012, str. 277-280 (M63)
- D. Knežević, D. Pekar, I. Milošević, N. Vujnović Sedlar: “Adaptivni sistem za detekciju osnovne učestanosti govornog signala zasnovan na AMDF metodi”, 15. TELFOR, Beograd: Društvo za telekomunikacije, 20-22 Novembar, 2007
- Vujnović Sedlar N., Mišković D., Knežević D.: “Unapređenje ostavljanja i pretraživanja oglasa pomoću alata razvijenih na bazi govornih tehnologija”, 7. DOGS, Digitalna obrada govora i slike, Kelebija, 2-3 Oktobar, 2008, ISBN 978-86-7892-136-0, pp. 64-67
- V. Delić, B. Kostić (Panasiuk), N. Vujnović Sedlar: “Mogućnosti automatizacije telefonskih anketa pomoću govornih tehnologija”, 2006, pp. 63-66, 6. **DOGS**, Dig. obrada govora i slike, Vršac, ISBN 86-7892-005-X, 14-15.9.2006, pp. 63-66
- D. Mišković, N. Vujnović Sedlar, V. Delić, M. Sečujski: “Audio biblioteka za slepe i slabovide – ABSS 2.0”, 6. **DOGS**, Digitalna obrada govora i slike, Vršac, ISBN 86-7892-005-X, 14-15.09.2006, pp. 67-70
- V. Delić, M. Sečujski, N. Đurić, N. Vujnović Sedlar, D. Mišković, R. Ronto: “Profil prvih samouslužnih telefonskih korisničkih servisa baziranih na govornim tehnologijama na srpskom jeziku”, 11. **IT**, Informacione tehnologije, Žabljak, 26.01.-05.02.2006.
- D. Pekar, D. Knežević, M. Sečujski, N. Jakovljević, N. Vujnović Sedlar, V. Delić: “Sistem za glasovno biranje (*VoiceDial*)”, 2012
- V. Delić, M. Sečujski, N. Đurić, D. Pekar, N. Jakovljević, D. Mišković, N. Vujnović Sedlar: “Govorni portal za slepe – Kontakt”, 2008
- D. Pekar, G. Kočiš, V. Delić, M. Janev, D. Mišković, N. Vujnović Sedlar: “Sistem za praćenje emitovanja reklama - Advertising Monitor”, 2006
- V. Delić, M. Sečujski, R. Obradović, M. Janev, D. Knežević, N. Vujnović Sedlar: “Govorni softver za slepe i slabovide osobe – anReader”, 2006

Honours and awards

- “ILIJA STOJANOVIĆ” Award for the best TELFOR 2010 scientific paper