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Marko Horvat is an Assistant professor at the Department of Applied Computing, Faculty of Electrical Engineering and Computing (FER), University of Zagreb, Zagreb, Croatia.

He holds the Diploma (1999), M.Sc. (2007) and Ph.D. (2013) degrees in computer science from University of Zagreb, Faculty of Electrical Engineering and Computing, Zagreb, Croatia. He was a Doctoral Student and subsequently a Postgraduate Researcher at the University of Zagreb, Faculty of Electrical Engineering and Computing, Zagreb, Croatia (2008 – 2014). Elected to the research rank Research Associate in computer science (2014).

He is an external Associate Professor at the University of Zadar, Zadar, Croatia (2018 –). Employed as the Lecturer in Computer Science (2014 – 2018), Senior Lecturer (2018 – 2020), and Vice-Dean for Science, International Cooperation, and New Study Programmes at the Zagreb University of Applied Sciences (TVZ), Zagreb, Croatia (2018 – 2020). Successfully founded Artificial Intelligence Laboratory, Zagreb University of Applied Sciences, Zagreb, Croatia which he led (2016 – 2020). Director of the Undergraduate Professional Study Programme in Computing at Zagreb University of Applied Sciences, Zagreb, Croatia (2015 – 2019).

Marko Horvat is a Member of the Scientific Council of the Croatian Mine Action Center – Testing Center for Development and Training d.o.o. (2017 –). Member of Thematic Innovation Council for Health and Quality of Life of the Republic of Croatia (2018 –). Editorial Board Member of the international scientific journal “Polytechnic and Design” (2016 –). Chair of Technology Management chapter (TEMS) in IEEE Croatia Section (2016 – 2019). Co-Chair of Technology Management chapter (TEMS) in IEEE Croatia Section (2019 –).

Before fully joining academia he was employed with domestic and foreign ICT sector companies as a software engineer (1999 – 2007), project manager (2001 – 2007) and finally department manager (2007 – 2008). In the ICT industry, he gained progressive experience in leadership and management, as well as the organization and development of many complex enterprise-level core business, Enterprise Resource Planning and Business Intelligence systems.

Participated in a number of national and EU-funded scientific projects as a researcher. He also participated in a number of national projects with industry and government in a role of a professional expert.

Taught numerous university courses at Undergraduate and Master levels. Supervised over 50 B.Sc. and M.Eng. dissertations in areas of informatics, computer science, and artificial intelligence.

Published more than 70 manuscripts and textbooks in books, journals, conferences, and workshops, including 9 manuscripts in scientific journals indexed in scientific database Current Contents (CC), 16 manuscripts in the other scientific peer-reviewed journals, and presented over 50 papers at international conferences. Reviewer for many respected journals and international conferences, as well as study programs and project proposals for foreign science foundations. He gave several invited lectures and is actively engaged in the popularization of science.

His research interests include ontologies, knowledge representation, automated reasoning, machine learning, information retrieval, decision support systems, recommender systems, augmented cognition, affective computing, and the semantic web.

IEEE Senior Member (2019 –). Member of Croatian Astronomical Society (2009 –).