

Europass Curriculum Vitae



First name(s)/Surname(s) **DR. Gyöngyi BUJDOSÓ**
Occupation or position held Associate Professor
Name and address of employer Department of Computer Science, Faculty of Informatics, University of Debrecen
Kassai út 26, , 4026 Debrecen, Hungary

Degrees

Habilitation Computer Science, 2020
Title of the dissertation:
Disruptive Technologies in Education and Information Transfer –
Immersive Virtual Reality and Eye Tracking in Higher Education
Eötvös Loránd University, Budapest, Hungary

Ph.D. Mathematical and Computer Sciences, 2007
Summa cum laude
Title of the dissertation: New ways in typographic knowledge management
University of Debreceni, Debrecen, Hungary

Education

Post Grad. Diploma DEA d'Informatique, Université de Savoie, Chambéry, France

Training Writing Curricula for Distant Educational courses, Szent István University, Hungary

Master Degree English–Hungarian, Hungarian–English special translator (on mathematics),
Lajos Kossuth University, Debrecen, Hungary

Master Degree Secondary school teacher on Computer Science,
Lajos Kossuth University, Debrecen, Hungary

Master Degree Secondary school teacher on Mathematics and Chemistry
Lajos Kossuth University, Debrecen, Hungary

Working experiences

Research topics HCI – User Experience Design,
Digital Privacy Protection, Cybersecurity an Privacy Awareness
Virtual Reality in Education,
Information Transfer by Applying Disruptive Technologies,
Educational Methods in E-learning

Programming	<p>Database programming</p> <p>7 years of work as a database system designer and developer at the University of Lajos Kossuth, Debrecen, Hungary</p> <p>Web development</p> <p>6 years of experience as a professional web developer</p> <p>TeX programming</p> <p>16 years of experience as a professional TeX programmer at international mathematical journals</p>
Teaching experiences	<p>107 different higher educational courses. Some of them:</p> <ul style="list-style-type: none"> • Operating Systems • Introduction to Computer Science • Knowledge and Information Management • Programming • Computer networks • Databases • Information Systems • Multimedia • E-learning • ICT in Education • Virtual Reality Systems • Information Architecture • InfoCommunication • Project Management • Business Informatics • Developing Web Applications • Dynamic Web Programming • Web Design • Content Development Methods & Techniques • Desktop Publishing & TeX
Recruitment Talent management Equal opportunities	<ul style="list-style-type: none"> • Girls' Day and Girls in ICT Day – The organizer of these events since 2013 at the University of Debrecen. • Women in Science Association – Member and Representative • CEPIS: Council of European Professional Informatics Societies – Women in ICT program member • COST Action: European Network for Gender Balance in Informatics (COST CA19122) Action: Managing Committee member • NOKIT: Women in Informatics, Education and Research Association, Society of John von Neumann – Leader
Projects	<p>Participating in a number of projects (more than 30). Some of them:</p> <ul style="list-style-type: none"> • Research Group on Geography Teaching and Learning - Hungarian Academy of Science and the University of Szeged (2016-2024) • Developing the quality and the accessibility of higher education at the University of Debrecen, Hungary – EFOP-3.4.3-16-2016-00021. (2017- 2019) • Career guidance and promotion of mathematics, science, IT and engineering at the University of Debrecen, Hungary - EFOP-3.4.4-16-2016-00021. (2017- 2019)
Publications	<p>93 mostly international publication.</p> <p>Some recent publications:</p> <ul style="list-style-type: none"> • Tibor, Roskó ; Gyöngyi, Bujdosó ; Cornelia, Mihaela Novac ; Ovidiu, Constantin Novac: Enhancing students' privacy awareness: theory and practice on personal data protection through a VR environment. In: Nikodem, J.; Klempous, R. (Eds) 12th IEEE International Conference on Cognitive Infocommunications (CogInfoCom 2021) : Proceedings, IEEE (2021) pp. 563-568. • Bujdosó, Gy. ; Jász, E.; Császár, Zs. M. ; Farsang, A.; Kapusi, J.; Molnár, E.; Teperics, K.: Virtual reality in teaching geography. In: Chova, L. Gómez; Martínez, A. López; Torres, I. Candel (Eds) ICERI2019 PROCEEDINGS : 12th International Conference of Education, Research and Innovation Sevilla.; IATED (2019) pp. 659-665. • Gyöngyi, Bujdosó ; Kata, Boros ; Cornelia, Mihaela Novac ; Ovidiu, Constantin Novac: Developing cognitive processes as a major goal in designing e-health information provider VR environment in information science education. In: Institute of Electrical and Electronics Engineers, (szerk.) 2019 10TH IEEE International Conference On Cognitive Infocommunications (CogInfoCom) Piscataway (NJ), Amerikai Egyesült Államok : IEEE (2019) pp. 187-192. <p>The list of publication can be found on the following link: https://m2.mtmt.hu/qui2/?type=authors&mode=browse&sel=10013984</p>

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