



Denis Mušić

EDUCATION

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| Ph.D in Information Technology | 2014 |
| University "Džemal Bijedić" Mostar, Faculty of Information Technologies
Thesis: „Mechanism for Adaptation of Group Decision-making in Multi-agent E-Learning Environment“ | |
| Master of Science in Information Technology | 2008 |
| University „Džemal Bijedić“ Mostar, Faculty of information technology
Thesis: „Development of Hospital information systems with application of mobile devices“ | |
| Graduate engineer in Information Technology | 2005 |
| University „Džemal Bijedić“ Mostar, Faculty of information technology
Final paper title: „City of Mostar - Interactive map“ | |
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AWARDS

- Praise for the success achieved during the third year of study
 - Degree of success achieved during the study
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PROFESSIONAL IT TITLES

- MCT – Microsoft Certified Trainer
 - MVP – Microsoft Most Valuable Professional (2014, 2015)
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EXPERIENCE IN TEACHING

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|---|-------------------|
| Assistant Professor – Introduction to Programming, Programming 1, Programming 2, Principles of Software Development, Artificial Intelligence | 2014 -> |
| Senior Assistant – Introduction to Programming, Programming 1, Programming 2 | 2009-2014 |
| Asisstant – Introduction to Programming, Programming 1, Programming 2 | 2005-2008 |
| Demonstrator – Introduction to Information Technologies, Introduction to Programming | 2004-2005 |
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RELATED EXPERIENCES

- Completed four semesters of Cisco Networking Academy

AREAS OF INTEREST

- Programming and programming languages (C++, C#)
- Databases
- Development of Windows and Web based applications
- Mobile/intelligent agents
- Artificial intelligence
- Machine learning
- Case based reasoning

RESEARCH, SCIENTIFIC PAPERS AND BOOKS

- Krkić S., Dautović S., Mušić D. & Gojak R.(2007); "**Importance of Hospital informaton system in managing infectious patient**", XXI Symposium of BiH infectologists with international participation, Mostar
 - Mušić D. & Šupić H.(2008); "**Mobile support in diagnosing infectious diseases**", 5th Conference on Information and Communication Technologies, Mostar
 - Mušić, D. & Azemović, J. (2009). "**Applying Case-based Reasoning for Mobile Support in Diagnosing Infective Diseases**" 2009 International Conference on Signal Processing Systems, Singapore, pp. 779-783 (Indexed by: EI Compendex, INSPEC, Thomson ISI).
 - Azemović, J. & Mušić, D. (2009). "**Efficient model for detection data and data scheme tempering with purpose of valid forensic analysis**", International Conference on Computer Engineering and Applications, Manila, Philippine, pp. 85-91 (Indexed by: EI Compendex, INSPEC, Thomson ISI (ISTP)).
 - Mušić, D., Azemović, J. & Čatrnja, E. (2009). "**Influence of learning communities and collaborative learning on student's success**", International Conference on Software Technology and Engineering, Chennai, India, pp. 174-178 (Indexed by: EI Compendex, INSPEC, Thomson ISI (ISTP)).
 - Mušić, D., Azemović, J. & El-Zayat, M. (2009). "**Components of the efficient eUniversity system**," 2nd IEEE International Conference on Computer Science and Information Technology (ICCSIT 2009), Beijing, China, pp. 32 – 36 (Indexed by: EI Compendex, INSPEC, Thomson ISI (ISTP)).
 - Bevanda, V., Azemović J. & Mušić, D. (2009). "**Privacy preserving in eLearning environment (Case of modelling Hippocratic database structure)**," 4th Balkan Conference in Informatics (BCI '09), Bevanda V., Azemović J., Mušić D., Thessaloniki, Greece, 2009, pp. 47-52 (Indexed by: INSPEC).
 - Azemović, J. & Mušić, D. (2010). "**Methods for efficient digital evidences collecting of business process and user activity in eLearning enviroments**," International Conference on e-Education, e-Business, e-Management and e-Learning (IC4E 2010), China, pp. 126-130 (Indexed by: EI Compendex, INSPEC, Thomson ISI (ISTP))
 - Azemović, J. & Mušić, (2010). "**Comparative analysis of efficient methods for storing unstructured data into database with accent on performance**", International Conference on Education Technology and Computer (ICETC 2010),Shanghai, China
 - Mušić, D. (2013); "**Patience in group decision-making with emotional agents**"; Trends in Practical Applications of Agents and Multiagent Systems; Advances in Intelligent Systems and Computing Volume 221, pp 163-170, Springer-Verlag (2013)
 - Mušić, D. (2013); "**Components of mechanism for adaptation of group decision making in multi-agent eLearning system**"; Chapter in "**e-Learning Paradigms and Applications; Agent-based Approach**", Springer-Verlag (2013)
 - **Web Technologies** – Book for the Web Technologies Course, University Library, Mostar, (co-
autor), (2006)
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- Azemović, J., Mušić D., Mattias L. (2013); Book „**Writing T-SQL Queries for Beginners Using Microsoft SQL Server 2012**“, Course Number: SQL12-WTS; ISBN: 978-0-986577-3-4; MVP-Press (2013)
 - Sudić, E. & Mušić D., (2014). “**System model for educating new physicians**“, International Conference on e-Education (ICeE 2014), ISSN:2303-6214; Bosnia and Herzegovina
 - Tipura, L. & Mušić D., (2014). “**Model for Discovering Students' Skills in Educational Institutions**“, Central European Conference on Information and Intelligent Systems (CECIIS 2014), ISSN: 1847-2001; Croatia
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PROJECTS

- **Studis** :: design and development of software for Students hostel
 - **Mostar City map** :: team member for design and development of interactive city map of Mostar
 - **HIS** (Hospital Information System) :: team member for design and development of software for major Infectious clinic in country
 - **VIS** (Veterinary Information System) :: design and development of software for regional Animal health care institution
 - **DLWMS** (Distance Learning Web Management System) :: team member for design and development of software for supporting Distance Learning study process
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SOCIAL / FAMILY STATUS

- Employed
 - Married, father of two children
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MEMBERSHIPS

- International Association of Computer Science & Information Technology (IACSIT)
 - F5 – SQL Server/Developer user group (co-founder) – <http://f5.mscommunity.ba/>
 - Microsoft community of users in Bosnia and Herzegovina (www.mscommunity.ba)
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LANGUAGES

- English language – reading and writing
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