

**Name:** *Jasmin Azemović*

**ResearchGate:** [https://www.researchgate.net/profile/Jasmin\\_Azemovic2](https://www.researchgate.net/profile/Jasmin_Azemovic2)



## Education

University “Dzemal Bijedic” Mostar, Faculty of information technology  
**Ph.D.** *“Development of Hippocratic database required for electronic learning”, 2011*

University „Dzemal Bijedic“Mostar, Faculty of information technology  
**Master of Science in information technology** – *Comparative analysis of methods for collecting digital evidence within the database system, 2008*

University „Dzemal Bijedic“Mostar, Faculty of information technology,  
**Graduate Engineer of Information technology, 2005**

## IT Professional Awards

- **MVP** – Microsoft Most Valuable Professional (**Data Platform MVP**)  
<https://mvp.microsoft.com/en-us/PublicProfile/4025578>



## Areas of expertise

1. Information security and data privacy
2. Cyber-security
3. Cryptography
4. Forensic analysis and data tempering detection
5. SQL Server Database Platform
6. Relational modeling;
7. SQL Server administration
8. eLearning Systems
9. Distance Learning
10. System analysis;
11. Cloud database systems

## Professional working experience

Year	Position	Institution
<b>2020 - current</b>	<b>CISO – Chief Information Security Officer</b>	Mistral Technologies
2019-2020	Head of Operations	Mistral Technologies
<b>2006 – current</b>	Cyber-security consulting	Large companies, Banking and finance, Education and Government sector
<b>2006 - current</b>	SQL Server consulting	Large companies, Banking and finance, Education and Government sector

## Academic and teaching experience

Year	Position	Institution
<b>1999 - current</b>	Student assistant, Assistant, Teaching assistant, Assistant Professor, Visiting Professor, Dean, <b>Associate Professor</b>	<b>Local and international Universities</b>

## Academic courses

1. Introduction to Database Systems
2. Database Management Systems
3. Business Intelligence
4. Advanced Topic in Database Management Systems
5. Information Security
6. Cybercrime
7. Digital Forensics
8. Information technologies
9. Introduction to Programming
10. Introduction to Cryptography
11. Ethics in information technologies
12. Cloud computing

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*Between 2002 and 2020, I had taught approximately 3500 academic hours of classes*

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## Books

1. T-SQL Course for beginners, MVP Press, 2012  
<https://www.mvp-press.com/courses/sql/sql12-wts/>
2. Securing SQL Server 2012, MVP Press, 2014  
<https://shop.courseware-marketplace.com/en-GB/Public/CommunityCourseware/Category/78035-MicrosoftSQLServer/CourseDetails/55096AC>
3. SQL Server on Linux, Packt Publishing, 2017  
<https://www.amazon.com/SQL-Server-Linux-Jasmin-Azemovic-ebook/dp/B0713YGXWG/>

## Research and scientific paper

1. 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).
2. 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)).
3. 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)).
4. 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)).
5. 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).
6. Azemović, J. & Mušić, D. (2010). „**Methods for efficient digital evidences collecting of business process and user activity in eLearning environments**, “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))
7. 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

8. Šabić, A & Azemović, J (2010)" **Model of efficient Assessment System with accent on Privacy, Security and Integration with E-University Components**", International Conference on Education Technology and Computer (ICETC 2010), Shanghai, China
9. Azemović, J & Bevanda, V. (2011). „**Comparative analysis of performance impact in eLearning environments using Hippocratic database principles** „The 2nd International Conference on Data Storage and Data Engineering, IEEE Catalog Number: CFP1101J-PRT, ISBN: 978-1-4244-9611-2
10. Azemović, J. (2012) „**Privacy Aware eLearning environment based on Hippocratic database principles** „The 5th Balkan Conference in Informatics (BCI 2012, ACM paper)
11. Elmin Sudić, Jasmin Azemović (2014) "**Comparative analysis of regular and cloud disaster and recovery systems**", (ISSN 1847-2001 e-ISSN 1848-2295), Central European Conference on Information and Intelligent Systems (CECIIS).
12. Mujkic A., Azemović J. (2014) "**Comparative analysis NoSQL and RDBMS with an emphasis on performance**", The International Conference on e-Education (ICeE 2014)
13. Šehidić A., Tipura L., Azemović J. (2014) "**Comparative Analysis of Auditing using Classic SQL and CLR Methods with Accent on Performance Influence** ", The International Conference on e-Education (ICeE 2014)
14. Zerina Masetic, Abdulhamit Subasi, Jasmin Azemović, **Malicious Web Sites Detection using C4.5 Decision Tree**, Southeast Europe Journal of Soft Computing, : www.scjournal.com.ba (2015)
15. Samed Jukić, Jasmin Azemović, Dino Kečo, Jasmin Kevrić, **COMPARISON OF MACHINE LEARNING TECHNIQUES IN SPAM E-MAIL CLASSIFICATION**, Southeast Europe Journal of Soft Computing, www.scjournal.com.ba (2015)
16. Elmir Babović, Dragica Radosav, Denis Mušić, Jasmin Azemović, **Intelligent Collision Detection with Dynamic Obstacles in 2D and 3D Space Based on Human Behavior**, ICISCE2018, 20-22/07/2018.
17. Elmir Babović, Dragica Radosav, Denis Mušić, Jasmin Azemović, **Sliding Holt Algorithm for Collision Detection with Dynamic Obstacles in 2D and 3D space**, ICNTET 2018, 7-8/09/2018
18. Azra Bajramović, Aida Brkan-Vejzović, Armina Hubana, Jasmin Azemović, Denis Mušić, Zanin Vejzović, **Multidisciplinarni dodiplomski studij Poslovne informatike iz perspektive ekonomije i kompjutinga – prilagodba savremenom poslovanju**, 13 Zbornik radova Ekonomskog fakulteta Brčko, zbornik.efb.ues.rs.ba, 2019
19. Vanja Čatić Kuko, Denis Mušić, Jasmin Azemović, Zanin Vejzović, **Model of foresight of agile software team members by personality traits**, 8th International Conference on Computer, Information and Telecommunication Systems, IEEE, 2019

## Conferences, trainings and user group speaking

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*Between 2005 and 2020, I had more than 80 professional speaking engagements*

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1. WinDays (2005 Academic Day) - **DLWMS 2.0**, Opatija
2. WinDays (2006 Academic Day) - **Virtual Classroom**, Opatija
3. MS Community (2007) - **Digital evidence and database**, Sarajevo
4. MS Community (2008) - **SQL Server GT (Performance tuning)**, Sarajevo
5. MS Community (2009) - **SQL Azure**, Sarajevo
6. MS Community (2010) - **SQL Server Filestream**, Sarajevo
7. BizSpark Camp (2010) - **SQL Azure V1**, Tuzla
8. SIT (2010) - **Distance learning platform based on SQL Server**, Široki Brijeg
9. MS Innovation Forum (2010) - **Distance Learning and SQL Server backend**, Sarajevo
10. MS Community (2010) - **Beyond Relational Filestream**, Sarajevo
11. MS DevDays (2010) - **SQL Server R2 Lunch**, Banja Luka
12. Microsoft TechNet (2010) - **DBA@SQL Azure**, Sarajevo
13. Microsoft Network (2011) - **CSI SQL Server (Digital evidence collecting)**, Banja Luka
14. Microsoft Tech Days (2011) - **SQL Server Best of**, Sarajevo
15. SQL Server Training, MS BiH (2011): **Analysis, design and relational modeling**, Sarajevo
16. SQL Server TuneIN (2011) – **CSI SQL Server**, Zagreb
17. MS Sinergija (2011) – **CSI SQL Server**, Beograd
18. MS Sinergija (2011) - **Unstructured data**, Beograd
19. MS TechNet (2011) - **SQL Server 2012-Storage without limits**, Sarajevo
20. MS Network (2012) – **SQL Server 2012 evolution**, Mostar
21. MS Network (2012) - **SQL Server Rapid database development**, Mostar
22. MS Community conference – **SQL Server 2012 Evolution**, Sarajevo
23. Central Bank of Bosnia and Herzegovina, Staff training (2012) – **SQL Server Administration**, Sarajevo
24. Central Bank of Bosnia and Herzegovina, Staff training (2013) – **Securing SQL Server**, Sarajevo
25. MS Network (2013) – **SQL Server Confidential**, Teslić
26. MS Network (2013) – **DLWMS 3 eUniversity system**, Teslić
27. MS Community conference (2013) - **SQL Server 2014 In-Memory OLTP**, Sarajevo
28. Microsoft TechDay (2013) - **SQL Server Threats and Countermeasures**, Sarajevo
29. MS Community conference (2014) - **SELECT TOP 5 FROM sql\_server\_2014\_features**, Sarajevo
30. WinDays (2014) - **SQL Server Threats and Countermeasures**, Umag
31. MS Network (2014) – **SQL Server @Warp Speed**, Teslić
32. SIT (2014) - **Verifikacija IT kadra na tržištu rada**, Mostar
33. SQL TuneIN (2014) - **SQL Server Confidential** - Zagreb
34. MS Sinergija (2014) - **Secure your data in SQL Server environment**, Beograd
35. MS Network (2015) - **SQL Azure Database V12 (DaaS za obicnu raju)**, Neum
36. NTK (2015) – **CSI SQL Server**, Portorož

37. MS Community Conference (2015) - **SQL Server 2016 Security Enhancements**, Sarajevo
38. HUB387 (2015) - **Cloud Data Camp**, Sarajevo
39. ComTrade (2015) – **SQL Azure Hands On**, Banja Luka
40. Logosoft (2015) – **SQL Azure Hands On**, Sarajevo
41. Microsoft TechDay (2015) – **SQL Azure Database**, Mostar
42. MS Network (2016) - **SQL Server 2016 Data Platform Overview**, Neum
43. NTK (2016) – **Minimizing consequences of data breach (or how to prevent Ashely Madison scenario)**  
– Portorož
44. MS Community conference (2016) – **Cyber Self Defense**, Sarajevo
45. MS Network (2017), **SQL Server loves Linux**, Neum
46. WinDays (2017), **SQL Server loves Linux**, Poreč
47. SQL Saturday (2017), **SQL Server on Linux**, Banja Luka
48. MS Community 6 (2017), **SQL Server on Linux**, Sarajevo
49. MS Slovenia (2017), **SQL Server on Linux** Workshop, Ljubljana
50. Winter forensics school (2018), – **CSI Database**, Sarajevo
51. Microsoft Bosnia and Herzegovina (2018), **DaaS**, Sarajevo
52. MS Network (2018), **SQL Server vs. mssql-server**, Neum
53. SQL Server na Azure platformi - **DaaS**, ApiLab, Sarajevo
54. WinDays (2018), **SQL Server vs. mssql-server**, Poreč
55. MS Community (2018), **SQL Server Operations Studio ( ...zamjena za SSMS )**, Sarajevo
56. Best association (2018), **Big Data and AI – Threat or Opportunity**, Mostar
57. SQL Saturday (2018), **Minimizing consequences of data breach using SQL Server**, Banja Luka
58. Code Hub Mostar (2019), **SQL Server vs. mssql-server**, Mostar
59. Embassies of the Kingdom of Saudi Arabia, Cultural Center "King Fahd" (2019), **CSI: Database**, Sarajevo
60. MS Network (2019), **SQL Server 2019 key features and improvements**, Neum
61. WinDays (2019), **SQL Server 2019 Applied Cryptography**, Šibenik
62. TechCruise (2019), **Data breaches Are we aware of consequences**, Tuzla
63. MS Community (2019), **SQL Server 2019 Applied Cryptography**, Sarajevo
64. ATD (2019), **Database forensics investigation**, Zagreb
65. Mistral (2019), **The Mistral Security Manifesto**, Sarajevo
66. Mistral (2019), **SQL Server 2019 Applied Cryptography**, Sarajevo
67. Mistral (2019), **Mistral Security 2020 Goals**, Sarajevo
68. Gigi School (2019), **Information security fundamentals**, Sarajevo
69. Mistral (2019), **Disk Encryption Policy**, Sarajevo
70. Mistral (2020), **Sensitive Data Exposure**, Sarajevo
71. Mini SQLSat Croatia (2020) **Data breaches Are we aware of consequences**, On-line edition
72. Security Practice Group (2020), **Data Anonymization**, On-line edition
73. Security Practice Group (2020), **Data Engineering**, On-line edition
74. Security Practice Group (2020), **Data Manipulation**, On-line edition
75. Security Practice Group (2020), **Personal Cybersecurity Hygiene**, On-line edition
76. Security Practice Group (2020), **CSI SQL Server**, On-line edition
77. Security Practice Group (2020), **Handle data with care**, On-line edition
78. Security Practice Group (2020), **Advanced topics**, On-line edition

79. Security Practice Group (2020), CSIRT, On-line edition
80. Data Weekender (2020), CSI SQL Server, On-line edition
81. Lightup virtual conference (2020), Handle data with care, On-line edition
82. Singapore SQLPASS (2020), Handle data with care, On-line edition
83. SQL Saturday (2020) - Sao Paolo, Handle data with care, On-line edition
84. SQL Saturday (2020) – Malaysia, Handle data with care, On-line edition
85. MS Community (2020), Cyber-security incident response team in COVID-19 reality, Virtual
86. SSST - 4th Mediterranean Forum (2020), Cyber-security Challenges and Protection Models for Business Continuity in a State of Epidemic Outbreak
87. BH Future foundations (2020), The forgotten essential of digitalization – Virtual panel

## Social Networks

**LinkedIn:** <https://www.linkedin.com/in/jasminazemovic>

**YouTube:** <https://www.youtube.com/jasminazemovic>

**Twitter:** <https://twitter.com/jasminazemovic>

**Facebook:** <https://fb.me/jasminazemovic>

**Instagram:** <https://www.instagram.com/jasminazemovic/>