

Prof. asoc. dr. Ylber Januzaj

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TË DHËNAT PËRSONALE

Data e lindjes: 1 Korrik 1991

Vendlindja: Decan

Nacionaliteti: Kosovar

NIVELI ARSIMOR

Universiteti i Evropës Juglindore, Maqedonia e Veriut

Bachelor në Shkencat Kompjuterike

Fakulteti i Shkencave dhe Teknologjive Bashkëkohore

Tetor 2009 – Qershor 2012

Universiteti i Evropës Juglindore, Maqedonia e Veriut

Master në Shkencat Kompjuterike

Fakulteti i Shkencave dhe Teknologjive Bashkëkohore

Programi: Menaxhimi i databazave

Tetor 2013 – Qershor 2015

Universiteti i Evropës Juglindore, Maqedonia e Veriut

Doktor në E-Teknologji

Fakulteti i Shkencave dhe Teknologjive Bashkëkohore

Programi: E-Technologies

Specializimi: Data Mining

Nëntor 2015 – Nëntor 2019

PUBLIKIMET SHKENCORE

[1] **Ylber Januzaj, Driton Sylqa, Artan Luma & Luan Gashi.** “A Textual Content Analysis Model for Aligning Job Market Demands and University Curricula through Data Mining Techniques”. *International Journal of Interactive Mobile Technologies (IJIM)*, 18(14), pp. 164–176.

<https://doi.org/10.3991/ijim.v18i14.47901>, 2024. (SCOPUS INDEXED)

[2] **Ylber Januzaj, Edmond Beqiri & Artan Luma.** “Determining the Optimal Number of Clusters using Silhouette Score as a Data Mining Technique”. *International Journal of Online and Biomedical Engineering (iJOE)*, 19(04), pp. 174–182. <https://doi.org/10.3991/ijoe.v19i04.37059>, 2023. (SCOPUS INDEXED)

[3] **Luan Gashi, Artan Luma, Marika Apostolova & Ylber Januzaj.** “A Weighting Model of Cybersecurity Parameters Used for Service Placement”. *International Journal of Online and Biomedical Engineering (iJOE)*, 19(07), pp. 88–98. <https://doi.org/10.3991/ijoe.v19i07.39285>, 2023. (SCOPUS INDEXED)

[4] **Luan Gashi, Artan Luma, Halil Snopçe & Ylber Januzaj.** “A Secure Recommender System Model for Service Placement in Wireless Networks”. *International Journal of Interactive Mobile Technologies (IJIM)*, 17(11), pp. 115–130. <https://doi.org/10.3991/ijim.v17i11.37369>, 2023. (SCOPUS INDEXED)

[5] **Ylber Januzaj, Edmond Beqiri, & Artan Luma.** (2022). "Alignment of Higher Education Study Programs and Job Market Demand using Machine Learning Techniques – A Case Study on Balkan Countries' Universities". *International Journal of Emerging Technologies in Learning (iJET)*, 17(19), pp. 150-158. <https://doi.org/10.3991/ijet.v17i19.31825>, 2022. (SCOPUS INDEXED).

[6] **Ylber Januzaj & Artan Luma.** Cosine Similarity – A Computing Approach to Match Similarity Between Higher Education Programs and Job Market Demands Based on Maximum Number of Common Words. *International Journal of Emerging Technologies in Learning (iJET)*, 17(12), pp. 258-268. <https://doi.org/10.3991/ijet.v17i12.30375>, 2022. (SCOPUS INDEXED).

[7] **Gashi, L., Luma, A., Januzaj, Y.** "The integration of Wireless Sensor Networks, Mobile Networks and Cloud Engineering for a decision support system - A Systematic Literature Review". *HORA 2022 - 4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Proceedings*, 2022. (SCOPUS INDEXED).

[8] **Buja, A., Apostolova, M., Luma, A., Januzaj, Y.** "Cyber Security Standards for the Industrial Internet of Things (IIoT) - A Systematic Review ". *HORA 2022 - 4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Proceedings*, 2022. (SCOPUS INDEXED).

[9] **Artan Luma, Blerton Abazi, Azir Aliu, Halil Snopce and Ylber Januzaj.** "The implementation of the new encryption mathematical model for cryptosystems". In *International Conference on Engineering Technologies (ICENTE'21)*, pp. 12-16. Selcuk University, Konya, TURKEY, 11 / 2021. ISBN 978-625-44427-7-3.

[10] **Artan Luma, Blerton Abazi, Azir Aliu, Halil Snopce and Ylber Januzaj.** "Cybersecurity challenges for organizations". In *International Conference on Engineering Technologies (ICENTE'21)*, pp. 17-20. Selcuk University, Konya, TURKEY, 11 / 2021. ISBN 978-625-44427-7-3.

[11] **Ylber Januzaj, Artan Luma, Besnik Selimi, Bujar Raufi.** "Evaluation of model that makes comparison between market demands and university curricula". In *International Journal on Information Technologies & Security*, № 2 (vol. 11), Union of Scientists in Bulgaria , Bulgaria, 12/2019.

[12] **Ylber Januzaj, Artan Luma, Besnik Selimi, Bujar Raufi.** "Web data scraping technique and preparation for comparison techniques between different documents". In *International Journal on Information Technologies & Security*, № 2 (vol. 11), Union of Scientists in Bulgaria , Bulgaria, 05/2019.

[13] **Ylber Januzaj, Artan Luma, Besnik Selimi, Bujar Raufi.** "Techniques of comparing multiple documents with different and unlimited textual content". In *ICCS2019, India, SCOPUS INDEXED - IEEE XPLORE*, 05/2019. ISBN - 978-1-5386-8113-8.

[14] **Ylber Januzaj, Artan Luma, Azir Aliu, Besnik Selimi, Bujar Raufi, Halil Snopce.** "Using data mining techniques to create an automated model that makes comparisons between market demands and university curricula". In *The 20th International Workshop on Computer Science and Information Technologies*, pp. 43-46. Scientific Technical Union of Mechanical Engineering, Varna, Bulgaria, 9 / 2018. ISBN 978-619-7383-08-9.

[15] **Ylber Januzaj, Artan Luma, Besnik Selimi, Azir Aliu, Bujar Raufi and Halil Snopce.** "A model for automated matching between job market demand and university curricula offer". In *SEEU Review*, pp. 188-217. DE GRUYTER OPEN, Bogumiła Zuga 32A Str. 01-811 Warsaw, Poland, 5 / 2018. ISBN 1857-8462.

[16] **Ylber Januzaj, Artan Luma, Azir Aliu, Besnik Selimi, Bujar Raufi, Halil Snopce.** "The Need for an Automated Model which makes Matching between Job Market Demand and University Curricula. In *15th International Conference on Informatics and Information Technologies*, pp. 148- 152. Faculty of Computer Science and Engineering, Ss Cyril and Methodius University, Mavrovo, Macedonia, 4 /2018. ISBN ISBN 978-608-4699-08.

[17] **Ylber Januzaj, Ymer Januzaj.** "Transaction Management in Mobile Database". In *IJCSI International Journal of Computer Science Issues*, Volume 13, Issue 3, pp. 39-44, 6 / 2016. ISBN 1694-0814.

[18] **Ylber Januzaj, Jaumin Ajdari, Besnik Selimi.** "DBMS as a Cloud Service: Advantages and Disadvantages". In *Proceedings of the World Conference on Technology, Innovation and Entrepreneurship*, pp. 1851-1859. Elsevier, Istanbul, Turkey, 7 / 2015. ISBN 1877-0428.

[19] **Ylber Januzaj, Artan Luma, Ymer Januzaj, Vehbi Ramaj.** "Real Time Access Control Based on Face Recognition". In *International Conference on Network security & Computer Science*, pp. 7- 12. IAE Antalya, Turkey, 6 / 2015. ISBN 978-93-84468-25-5.

[20] **Artan Luma, Ylber Januzaj, Besnik Selimi, Azir Aliu, Halil Snopce.** "Embedded Identification System Based on Face Recognition". In *The International Conference on Science, Technology and Management*, pp. 37-42. WRL, London, United Kingdom, 8/2015. ISBN978-93-85465-83-3.

[21] **Ylber Januzaj, Arben Hajra.** "Advantages of serialized RDF statements versus Relational Databases". In *International Conference in Information Systems and Technology Innovation*. Tirana, Albania, 6 / 2014. ISBN 978-9928-02-471-7.

PËRVOJA PROFESIONALE

AdeaComputers, Sh. M. Tolaj, Deçan, Kosovë
Korrik 2007 – Shtator 2009

Trajnime

- Rrjeta kompjuterike
 - IT Support
-

Universiteti i Evropës Juglindore, Maqedonia e Veriut
Tetor 2011 – Maj 2012

IT Demonstrator

- Njohuri të avancuara në IT
-

MEBI-Communication, Deçan, Kosovë
Janar 2013 – Janar 2019

Administrim

- Administrim i rrjetave
 - Administrim i databazave
 - Projekt Manager
-

Universiteti "Isa Boletini" Mitrovicë

Tetor 2018 – Tetor 2022

- *Anëtar i bordit*
-

Universiteti "Isa Boletini" Mitrovicë

Tetor 2015 – Tetor 2022

Ligjërues

- *Informatikë*
 - *Informatika e biznesit*
 - *Project Management në Informatikë*
 - *Analiza e të dhënave*
-

Universiteti "Haxhi Zeka" Pejë

Tetor 2017 – Qershor 2022

Ligjërues i angazhuar

- *Menaxhimi i databazave*
 - *E-Banking*
 - *Sistemet e Informacionit*
-

Universiteti "Haxhi Zeka" Pejë

Tetor 2022 – Aktualisht

Profesor asistent

- *Menaxhimi i Bazës së të dhënave*
 - *Sisteme të Menaxhimit të Bazës së të dhënave*
 - *Big Data dhe Cloud Computing*
 - *Web Design për Biznes*
 - *Bazat e IT*
-

INFORMATA SHITESË

Gjuhët

- *Shqip*
- *Anglisht*
- *Maqedonisht*

Shkathtësi

Sistemi Operativ: Windows (XP, 7, 8, 10, 11, Server), iOS, UNIX

Microsoft Office package, Google office (Google docs)

Gjuhët programuese: Python, C#, Java, VB.NET, Visual Basic, Servers: SQLSERVER, MySQL, and Oracle

Machine Learning: Weka, Oracle Data Mining.

Aplikacione: Njohuri të avancuara në SPSS, MATLAB.