



## Bujar Raufi



Fakulteti : **Shkencat dhe Teknologjitë Bashkëkohore**  
Thirja akademike : **Profesor inordinar**

### Të dhënat personale

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### Gjuhët

- **Albanian**, Native
- **English**, C2 - Proficient
- **Macedonian**, C2 - Proficient
- **French**, B2 - Upper Intermediate
- **Turkish**, B2 - Upper Intermediate

## Arsimimi

- **Nov 2006 - Sep 2011: Doctor of Computer Science**  
Faculty: French Faculty of Electrical Engineering  
*Technical University of Sofia, Sofia, Bulgaria*  
Specialty: Computer Systems, Complexes and Networks  
**Thesis:** "Development and Implementation of Adaptive Web-Based Systems Using Data Mining Techniques and Semantic Web"
- **Oct 2003 - Nov 2005: Master of Science in Informatics**  
Faculty: Master School - Internet Software Technologies Program  
*New Bulgarian University, Sofia, Bulgaria*  
Specialty: The field of Internet Technologies  
**Thesis:** "Development and Implementation of Online Examination System"
- **2001 - Nov 2003: Bachelor of Science in Computer Sciences**  
Faculty: Contemporary Sciences and Technologies  
*South East European University, Tetovo, Macedonia*  
Specialty: Computer Sciences

## Publikimet

- Artan Luma, Bujar Raufi, Burim Ismaili. **Multilevel Verification and User Recognition Strategy for E-mail Clients.** In *Transactions on Engineering Technologies*, pp. 641-654. Springer Netherlands, 3 / 2014. ISBN 978-94-017-8832-8.
- Bujar Raufi, Xhemal Zenuni, and Artan Luma. **Extending the Linking Capabilities of Resources in the Web of Data.** In *INTERNATIONAL JOURNAL OF COMPUTERS AND COMMUNICATIONS*, pp. 1-6. NAUN Publishing, 1 / 2014. ISBN 2074-1294.

- Bujar Raufi, Xhemal Zenuni and Artan Luma. **Enrichment of Linking Structure for the Web of Data.** In *Proceedings of the 2013 International Conference on Systems, Control and Informatics*, pp. 48-52. SCI, Venice, Italy, 9 / 2013. ISBN 978-1-61804-206-4.
- Artan Luma, Burim Ismaili and Bujar Raufi. **Multilevel User Authentication and Identification Scheme for e-mail Clients.** In *Proceedings of the World Congress on Engineering 2013*, pp. 1221-1225. WCE, London, 7 / 2013. ISBN 978-988-19252-8-2.
- Artan Luma, Betim Prevalla, Besart Qoku and Bujar Raufi. **LumaCert: Conception and Creation of New Digital Certificate for Online User Authentication in E-Banking Systems .** In *proceedings of World Academy of Science, Engineering and Technology*, pp. 1288-1292. WASET, Turkey, 7 / 2013.
- Bujar Raufi, Artan Luma, Xhemal Zenuni, Florije Ismaili. **Semantic Adaptation Approach for Adaptive Web-Based Systems.** In *The Online Journal of Science And Technology (TOJSAT)*, pp. 52-56. TOJSAT, Turkey, 7 / 2012. ISBN 2146-7390.
- Bujar Raufi, Artan Luma, Xhemal Zenuni and Florije Ismaili. **Semantic Adaptation Approach for Adaptive Web-Based Systems.** In *Proceedings of the 2nd International Science and Technology Conference (ISTEC'2011)*, pp. 705-708. ISTEC Proceedings Book, Istanbul, Turkey, 12 / 2011. ISBN 2146-7382.
- Artan Luma, Bujar Raufi and Xhemal Zenuni. **Asymmetric Encryption / Decryption with Pentor and ultra Pentor Operators.** In *Proceedings of the 2nd International Science and Technology Conference (ISTEC'2011)*, pp. 79-82. Istanbul, Turkey, 12 / 2011. ISBN 2146-7382.
- Bujar Raufi. **System Implementation and Adaptation Evaluation in Adaptive Web-Based Systems.** In *12th International Conference on Computer Systems and Technologies CompSysTech'11*. ACM, 9 / 2011. ISBN 978-1-4503-0917-2.
- Artan Luma, Bujar Raufi. **Assymmetric Encryption/Decryption with Pentor and Ultra Pentor Operators.** In *The Online Journal of Science and Technology (TOJSAT)*. TOJSAT, 4 / 2011.
- Florije Ismaili, Xhemal Zenuni and Bujar Raufi. **Web Service Discovery by Taking in Consideration the Semantic Distance between Concepts on the Ontology Tree Representation.** In *Proceedings of the Fifth International Conference for Information Systems and Grid Technologies (ISGT 2011)*. St. Kliment Ohridski University Press (In Print), Sofia, Bulgaria, 2011.
- Xhemal Zenuni, Florije Ismaili and Bujar Raufi. **QoS Aware Semantic Grid Service Composition Using AND/OR Graphs: Implementation, Experimentation, Evaluation.** . In *Proceedings of the Fifth International Conference for Information Systems and Grid Technologies*. Sofia, Bulgaria, 2011.
- Florije Ismaili, Bogdan Shishedjiev, Xhemal zenuni and Bujar Raufi. **GHSOM-Based Web Service discovery.** In *Proceedings of the 4th WSEAS European Computing Conference (ECC'10)*, pp. 207-211. WSEAS Press, Bucharest, Romania, 4 / 2010. ISBN 978-960-474-178-6.
- Bujar Raufi, Juliana Georgieva, Artan Luma, Florije Ismaili and Xhemal Zenuni. **Generating Content Recommendation for AdaptiveWeb-Based Systems.** In *Computers and Simulation in Modern Science*, pp. 248-257. WSAS Press, 2010. ISBN 978-960-474- 256-1.
- Bujar Raufi and Juliana Georgieva. **Adaptive Web-Based Systems: From framework to Implementation.** In *Proceedings of 11th International Conference on Computer Systems and Technologies CompSysTech'10*, pp. 521-527. ACM, New York, NY, USA, 2010. ISBN 978-1-4503-0243-2.
- Bujar Raufi, Juliana Georgieva, Artan Luma, Florije Ismaili and Xhemal Zenuni. **An Adaptation Algorithm for Adaptive Web Based Systems based on Link Structure and Document Similarity.** In *Porceedings 9th WSEAS International Conference on TELECOMMUNICATIONS and INFORMATICS (TELE-INFO'10)*, pp. 29-34. WSEAS Press, Catania, Italy, 2010. ISBN 978-954-92600-2-1.
- Xhemal Zenuni, Florije Ismaili and Bujar Raufi. **Ontology Design and Development for Grid Services.** In *Proceedings of Fourth International Conference on Information Systems & Grid Technologies (ISGT'2010)*, pp. 105-114. St. Kliment Ohridski University Press, Sofia, Bulgaria, 2010. ISBN 978-954-07-3168-1.

- Artan Luma and Bujar Raufi. **Relationship between Fibonacci and Lucas sequences and their application in Symmetric Cryptosystems.** In *Proceedings of the 14th WSEAS International Conference on COMPUTERS*, pp. 146-150. WSEAS Press, Corfu, Greece, 2010. ISBN 978-960-474-208-0.
- Florije Ismaili, Bogdan Shishedjiev, Xhemal zenuni and Bujar Raufi. **Enhanced Web Service Discovery with GHSOM.** In *Computers and Simulation in Modern Science*, pp. 217-226. WSEAS Press, 2010. ISBN 978-960-474-256-1.
- Artan Luma and Bujar Raufi. **New data encryption algorithm and its implementation for online user authentication.** In *Proceedings of The 2009 International Conference on Security and Management (SAM'09)*, pp. 81-85. CSREA Press, Las Vegas, USA, 7 / 2009. ISBN 1-60132-126-0.
- Bujar Raufi, Florije Ismaili and Xhemal Zenuni. **Modeling a Complete Ontology for Adaptive Web Based Systems Using a Top-Down Five Layer Framework.** In *Proceedings of 31st International conference on Information Technology Interfaces, 2009*, pp. 503-510. IEEE, Cavtat/Dubrovnik, Croatia, 2009. ISBN 978-953-7138-15-8.
- Bujar Raufi, Zamir Dika, Florije Ismaili, Xhemal Zenuni and Bunjamin Memishi. **Virtualizing a campus: A SEEU case study.** In *Proceedings of 3rd International ACM Conference of Digital Interactive Media Entertainment and Arts (DIMEA'08)*, pp. 215-218. ACM, Athens, Greece, 2008. ISBN 978-1-60558-248-1.
- Bujar Raufi and Juliana Georgieva. **Adaptive Web-Based Systems: Current Trends and Open Issues.** In *Proceedings of the International Scientific Conference "COMPUTER SCIENCE" 2008*, pp. 1004-1009. Kavala, Greece, 2008.
- Juliana Georgieva, Bujar Raufi, Lule Ahmedi, Florije Ismaili and Xhemal zenuni. **XML- Based Session Reconstruction for Adaptive Web-Based Systems.** In *Computer Engineering*, pp. 71-77. Technical University of Sofia, Sofia, Bulgaria, 2008. ISBN 1313-27-17.

## Përvoja e punës

- **Sep 2017 - Present : Associate Professor**  
South East European University, Tetovo, Macedonia  
*Type of business or sector: Education and research*
- **Sep 2012 - Sep 2017: Assistant Professor**  
South East European University, Tetovo, Macedonia  
*Type of business or sector: Education and Research*  
*Main responsibilities: Assistant Professor in Subjects (CCS-102) - Internet Technologies and CCS6020 - Computer Graphics*
- **Mar 2012 - Aug 2012: Teaching Assistant**  
South East European University, Tetovo, Macedonia  
*Type of business or sector: Education and Research*  
*Main responsibilities: Teaching Assistant in Subjects CCS1020 - Internet Technologies and CCS6020 - Computer Graphics as well as active involvement in research and publications in the field of Adaptive Web-Based Systems, Information Retrieval, Data Mining and Semantic Web.*
- **Sep 2008 - Mar 2012: Prodean for Postgraduate Studies**  
South East European University, Tetovo, Macedonia  
*Type of business or sector: Education and Research*  
*Main responsibilities: Managing 2nd cycle studies at faculty of Contemporary Sciences and Technologies. Enforcing university and faculty regulations and policies - Helping with staff engagements and academic planning - Curriculum development - Managing Teaching observation proc*
- **Sep 2005 - Sep 2008: Senior Asistant**  
South East European University, Tetovo, Macedonia  
*Type of business or sector: Education and Research*

*Main responsibilities: Co-taught graduate level course for undergraduate studies in subjects like: Programming, Computer Networks, Data Structures and Algorithms, Computer Application in communications, Data Mining, Multimedia Systems and Computer Graphics with OpenGL.*

- **Sep 2003 - Sep 2005: Young Assistant**

South East European University, Tetovo, Macedonia

*Type of business or sector: Education and Research*

*Main responsibilities: Duties at various times which have included office hours and leading weekly computer lab exercises in subjects like: Programming, Computer Networks, Data Structures and Algorithms, Computer Application in communications, Data Mining, Multimedia Systems.*