



Emine Yaman

📍 **Work :** Hrasnička cesta 15, 71210, Sarajevo, Bosnia and Herzegovina

✉ **Email:** eyaman@ius.edu.ba ☎ **Phone:** (+387) 62261452

🌐 **Website:** <https://www.ius.edu.ba/en/people/emine-yaman>

Work permit: Bosnian-Herzegovinian **Gender:** Female **Date of birth:** 21/10/1982 **P**

Place of birth: Tokat, Türkiye **Nationality:** Turkish

WORK EXPERIENCE

[01/09/2020 – Current]

Assoc.Prof.Dr.

International University of Sarajevo

City: Sarajevo | **Country:** Bosnia and Herzegovina

[01/10/2018 – 01/03/2023]

Dean of Faculty of Education

International University of Sarajevo

City: Sarajevo | **Country:** Bosnia and Herzegovina

[01/09/2015 – 01/09/2020]

Assist.Prof.Dr.

International University of Sarajevo

City: Sarajevo | **Country:** Bosnia and Herzegovina

[01/10/2008 – 01/09/2015]

Teaching Asistant

International University of Sarajevo

City: Sarajevo | **Country:** Bosnia and Herzegovina

EDUCATION AND TRAINING

[01/09/2008 – 16/05/2015]

Doctorate - Computer Engineering

Vienna University of Technology <https://www.tuwien.at>

City: Vienna | **Country:** Austria |

[01/09/2006 – 15/08/2008]

Master of Science - Medical Informatics and Computer Engineering

Vienna University of Technology <https://www.tuwien.at>

City: Vienna | **Country:** Austria |

[01/09/2001 – 15/08/2006]

Bachelor of Science - Medical Informatics and Computer Engineering

Vienna University of Technology <https://www.tuwien.at>

City: Vienna | **Country:** Austria |

LANGUAGE SKILLS

Mother tongue(s): Turkish

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

German

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Bosnian

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

- [2022] [Predicting Satisfaction of Airline Passengers Using Classification](#)
Authors: Hibović, L., Smajić, S., Yaman, E. | **Journal Name:** International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT) | **Publisher:** IEEE
- [2022] [Diagnosis of Cardiovascular Diseases using Classification Algorithms](#)
Authors: Tanisik, M.A., Yaman, E., Almisreb, A., Tahir, N. M. | **Journal Name:** IEEE Symposium on Wireless Technology & Applications (ISWTA) | **Publisher:** IEEE
- [2022] [Prediction of cardiovascular disease](#)
Authors: Perva, F., Tucaković, H., Mušanović, M., Yaman, E. | **Journal Name:** XXVIII International Conference on Information, Communication and Automation Technologies (ICAT) | **Publisher:** IEEE
- [2021] [Diagnosis of Neuromuscular Disorders Using TQWT and Random Subspace Ensemble Classifier](#)
Authors: Subasi, A., Yaman, E. | **Journal Name:** International Conference on Medical and Biological Engineering (CMBEBIH) | **Publisher:** Springer Nature
- [2020] [Modeling Real Life Problems by using Graph Theory in the Pandemia Process](#)
Authors: Yaman, E. | **Journal Name:** Online International Conference of COVID-19 (CONCOVID)
- [2019] [Address Entities Extraction using Named Entity Recognition](#)
Authors: Yaman, E., Krdžalic-Koric, K. | **Journal Name:** 7th International Conference on Future Internet of Things and Cloud Workshops (FiCloudW) | **Publisher:** IEEE
- [2019] **Geodemographic Segmentation using Machine Learning Algorithms**
Reference: ISBN: 978-605-5116-76-7
Authors: Yaman, E. | **Journal Name:** Kartepe Summit: Urbanization and Happy Cities | **Publisher:** International Academic Papers Book
- [2019] **Movie Recommender System**
Reference: ISSN 2233 – 1859
Authors: Sokol, A., Yaman, E. | **Journal Name:** Southeast Europe Journal of Soft Computing | **Volume, Issue and Pages:** vol.8 no.2
- [2019] **Comparison of Different Machine Learning Algorithms for Breast Cancer Recurrence Classification”, Southeast Europe Journal of Soft Computing, vol.8 no.2, ISSN 2233 – 1859**
Reference: ISSN 2233 – 1859
Authors: Haskul, M., Yaman, E. | **Journal Name:** Southeast Europe Journal of Soft Computing | **Volume, Issue and Pages:** vol.8 no.2
- [2019] [Comparison of Bagging and Boosting Ensemble Machine Learning Methods for Automated EMG Signal Classification](#)
Reference: Article ID 9152506
Authors: Yaman, E., Subasi, A. | **Journal Name:** BioMed Research International | **Publisher:** Hindawi
- [2019] **Analysis of Road Accidents using Data Mining Techniques**

Authors: Herzeg, L., Yaman, E. | **Journal Name:** International Conference on Electrical Engineering and Computer Science (ICECS 2019)

[2019] [**EMG Signal Classification using Discrete Wavelet Transform and Rotation Forest**](#)

Authors: Subasi, A., Yaman, E. | **Journal Name:** International Conference on Medical and Biological Engineering (CMBEBIH) | **Publisher:** Springer Nature

[2019] **Zeka - Friendly Chatterbot**

Authors: Spahić, R., Bašić, D. | **Journal Name:** Southeast Europe Journal of Soft Computing | **Volume, Issue and Pages:** vol.8 no.1

[**Using Classification to Determine Whether Personality Profiles of Countries Affect Various National Indexes", International Conference on Control, Artificial Intelligence, Robotics & Optimization \(ICCAIRO\), DOI: 10.1109/ICCAIRO.2018.00017,**](#)

[2018] [**Page\(s\):48 – 52, Prague, Czech Republic, IEEE Xplore Publisher, 2018.**](#)

Authors: Yaman, E., Musić, A., Zerdo, Z. | **Journal Name:** International Conference on Control, Artificial Intelligence, Robotics & Optimization (ICCAIRO) | **Publisher:** IEEE

[**Automated EMG Signal Classification for Diagnosis of Neuromuscular Disorders using DWT and Bagging**](#)

[2018] **Authors:** Subasi, A., Yaman, E., Somaily, Y., Alynabawi, H.A., Alobaidi, F., Altheibani, S. | **Journal Name:** Procedia Computer Science | **Publisher:** ScienceDirect

[**Analyzing for Patterns in the Cattell's 16 Personality Factors Dataset using Social Segmentation**](#)

[2018] **Authors:** Yaman, E., Zerdo, Z. | **Journal Name:** Wseas Transactions on Systems | **Volume, Issue and Pages:** vol 17, E-ISSN: 2224-2678

Categorizing Stars with Known Properties Using the Expectation-Maximization Clustering Algorithm

[2017] **Reference:** ISSN 2233 – 1859
Authors: Suljevic-Pasic, A., Yaman, E. | **Journal Name:** Southeast Europe Journal of Soft Computing | **Volume, Issue and Pages:** vol.6 no.2

Comparison of Different Machine Learning Algorithms for National Flags Classification

[2015] **Reference:** ISSN: 2233-1859
Authors: Kutlay, M. A., Yaman, E. | **Journal Name:** Southeast Europe Journal of Soft Computing | **Volume, Issue and Pages:** vol.4, no.2

[**Performance Analysis on Students' Gpas And Course Averages using Datamining Techniques**](#)

[2012] **Reference:** ISSN:1308-3937
Authors: Gursoy, O., Yaman, M.A., Yaman, E. | **Journal Name:** The Journal of Knowledge Economy & Knowledge Management | **Volume, Issue and Pages:** vol. 7, issue. 1

[2011] [**Automatic Gender Classification from Color Images using Support Vector Machines**](#)

Reference: ISSN: 1944-6934::4(20):279-283(2011)
Authors: Yaman, M.A, Yaman, E., Subasi, A., Rattay, F. | **Journal Name:** IJAS International Journal of Arts and Sciences

[2011] [**Emg Signal Classification using Decision Trees and Neural Networks**](#)

Reference: ISSN: 1944-6934::4(20):285-292(2011)
Authors: Yaman, E., Yaman, M.A., Subasi, A., Rattay, F. | **Journal Name:** IJAS International Journal of Arts and Sciences

BOOKS

Electronic Health Records

Yaman, M.A., Yaman, E., VDM Verlag Dr. Muller GmbH&Co, 2011

Signal Classification

Yaman, E., LAP Lambert Academic Publishing, ISBN: 978-620-0-49890-8, 2019

INTERNATIONAL BOOK CHAPTERS

Classification of Student Stress Levels Using a Hybrid Machine Learning Model

Doma, V., Abd Almisreb, A., Yaman, E., Amanzholova, S., Ismail, N. (2025). Studies in Computational Intelligence, vol 1180. Springer, Cham. https://doi.org/10.1007/978-3-031-80334-5_5

Pandemi Sürecinde Paradigma Kaymasi Örneği Olarak Şehirdeki Mekan Algisinin Dönüşümü

Kartepe Zirvesi 2022- Dirençli Şehirler Ve Şehrin Dönüşümü, ISBN No: 978-605-72931-2-1

Women and COVID-19 Pandemic: Psychosocial Challenges and Opportunities, Centar za napredne studije CNS, Sarajevo, ISBN: 978-9926-471-75-0 Paperback

Yaman, E., 2022, Centar za napredne studije CNS, Sarajevo, ISBN: 978-9926-471-75-0 Paperback

PROJECTS

[01/01/2023 – 31/12/2023]

From Göbeklitepe to Mostar - Cultural Heritage Bridge

Erasmus+ KA153 Youth Project. 01.01.2023-31.12.2023. Project No: 2022-3-TR01-KA153-YOU-000093744.

Diagnosis of Neuromuscular Disorders Using Wavelet Based Feature Extraction Methods and Ensemble Classifiers

Research Field: Major: Electrical and Computer Engineering Minor:Biomedical Specific:Machine Learning Duration of Proposed Research: 2 Years, Year: 2018.

REFERRED FOT THE JOURNALS

Neural Computing and Applications (Springer)

since 2016

Biomedical Engineering and Computational Biology, Sage Journals

since 2018

Dergi Park

since 2019