

Curriculum Vitae

1. **Name Surname:** Selin Üzelaltınbulat Koçyiğit
2. **Date of Birth:** 22/07/1987
3. **Title:** Asst. Prof. Dr.
4. **Education**

Degree	Field	University	Year
Bachelor	Computer Information Systems	Near East University	2006-2011
Master	Computer Engineering	Near East University	2011-2013
Doctorate	Computer Engineering	Near East University	2014-2019

5. Academic Titles

Title	Department	University	Year/Period
Assistant Professor	Computer Engineering	Near East University	24/01/2020
Associate Professor			
Professor			

6. Graduate Theses Supervised

6.1 Master Theses

- 6.1.1. Anne Bakupa Mbombo, Comparative Analysis for the Educational Use of Cloud Computing Services in Mobile Learning Environment, February 2020.
- 6.1.2. Olusegun Oladele Odewole, Development of an Automated Hospital Management System: A Case Study of General Hospital Ondo, Ondo State, Nigeria, (thesis processing...)
- 6.1.3. Omar Hussain, The Role of Social Media During the Covid 19 Pandemic, (thesis processing...)
- 6.1.4. Abisola Ilesanmi, (thesis roposal processing...)
- 6.1.5. Mpah Ngwese, (thesis roposal processing...)
- 6.1.6. Sami Dalil Ali Ahmed, (thesis proposal processing...)

6.2 Doctorate Theses

7. Publications

7.1. Articles published in peer reviewed international journals (SCI, SSCI Arts and Humanities)

- 7.1.1. Helwan, A., Ma'aitah, M., Abiyev, R., Uzelaltinbulat, S., Sonyel, B., *Deep Learning Based on Residual Networks for Automatic Sorting of Bananas*, Journal of Food Quality. (Accepted on 15/03/2021) (SCI-E)

- 7.1.2.** Nourani, V., Behfar, N., **Uzelaltinbulat, S.**, Sadikoglu, F., *Spatiotemporal precipitation modeling by artificial intelligence-based ensemble approach*, Environmental Earth Sciences, 2020, 79, 6 (SCI-E).
- 7.1.3.** Nourani, V., Molajou, A., **Uzelaltinbulat, S.**, Sadikoglu, F. *Emotional Artificial Neural Networks (EANNs) For Multi-Step Ahead Prediction of Monthly Precipitation; Case Study: Northern Cyprus*, Theoretical and Applied Climatology, 2019, 138, 1419-1434. (SCI-E)
- 7.1.4.** Nourani, V., **Uzelaltinbulat, S.**, Sadikoglu, F., Behfar N. *Artificial Intelligence Based Ensemble Modeling for Multi-Station Prediction of Precipitation*, Atmosphere, 2019, 10:2. (SCI-E)

7.2. Articles published in other peer reviewed international journals

7.3. Papers delivered in international conferences and printed as proceedings

- 7.3.1.** Helwan, A., Ma'aitah, M., **Uzelaltinbulat, S.**, Altobel, M. Z., Darwish, M., *Gaze Prediction Based on Convolutional Neural Network*, International Conference on Emerging Technologies and Intelligent Systems (ICETIS 2021), Book Series of Advances in Intelligent Systems and Computing, Virtual Conference, June 25th - 26th, 2021. (Accepted on 14/02/2021) (CPCI-SCOPUS)
- 7.3.2.** Helwan, A., Ma'aitah, M., **Uzelaltinbulat, S.**, Sonyel, B., Altobel, M. Z., Darwish, M., *Stacked Autoencoders Deep Learning Approach for Left Ventricular Localization in Magnetic Resonance Slices*, International Conference on Emerging Technologies and Intelligent Systems (ICETIS 2021), Book Series of Advances in Intelligent Systems and Computing, Virtual Conference, June 25th - 26th, 2021. (Accepted on 14/02/2021) (CPCI-SCOPUS)
- 7.3.3.** **Uzelaltinbulat, S.**, Nourani, V., Sadikoglu, F., Behfar, N. *Spatiotemporal Prediction Modeling by AI Based Ensemble Approach*, 2019, Book Series in Advances in Intelligent Systems and Computing. The Tenth International Conference on Theory and Application of Soft Computing, Computing with Words and Perception, ICSCCW-2019, Prag, 27-28 August. (CPCI- WEB OF SCIENCE & SCOPUS)
- 7.3.4.** **Uzelaltinbulat, S.**, Sadikoglu, F., Nourani, V. *Comparative Analysis of Artificial Intelligence Based Methods for Prediction of Precipitation. Case Study: North Cyprus*, Book Series in Advances in Intelligent Systems and Computing, International Conference on Theory and Applications of Fuzzy Systems and Soft Computing, ICAFS 2018, Poland, 27-28 August, volume 896, 51-64. (CPCI- WEB OF SCIENCE & SCOPUS)

7.3.5. Uzelaltinbulat, S., Ugur, B. *Lung Tumor Segmentation Algorithm*. Procedia Computer Science. The Ninth International Conference on Theory and Application of Soft Computing, Computing with Words and Perception, ICSCCW-2017, 22-23 August, Budapest, Hungary. (CPCI- WEB OF SCIENCE & SCOPUS)

7.3.6. Musayev, A., Uzelaltinbulat, S., Mammadova, S., Gardashova, L., Musayeva, A. *Estimation of Impact of the Changes Made to the Tax Legislation to the Tax Receipts Through Fuzzy Numbers*. The Ninth International Conference on Theory and Application of Soft Computing, Computing with Words and Perception, ICSCCW-2017, 22-23 August, Budapest, Hungary. (CPCI- WEB OF SCIENCE & SCOPUS)

7.3.7. Sadikoglu, F., Uzelaltinbulat, S. *Biometric Retina Identification Based on Neural Network*. Twelfth International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS-2016, 29-30 August, Vienna, Austria. (CPCI- WEB OF SCIENCE & SCOPUS)

7.4. Books and sections in books published internationally

7.5. Articles published in peer reviewed national journals

7.6 Papers delivered at national conferences and printed as proceedings

7.7 Other publications

8. Patents

9. Projects directed and participated

10. Administrative designations

11. Membership in scholarly institutions

12. Awards and grants

12.1. Best Paper Award, 13th International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS 2018, Warsaw, Poland, 27-28 August 2018.

12.2. Near East University, Science Award 2018, Young Academician Award.

12.3. Near East University, Science Award 2017, Young Academician Award.

12.4. 2010-2011 Academic Year, Fall Term Honour Certificate,
Department of Computer Information Systems, Near East University.

12.4. 2009-2010 Academic Year, Spring Semester, Honour Certificate,
Department of Computer Information Systems, Near East University.

12.6. 2007-2008 Academic Year, Fall Semester Honour Certificate,
Department of Computer Information Systems, Near East University.

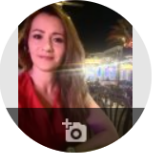
13. Courses taught over the last two academic years

Academic Year	Term	Course Code and Name	Weekly Hours		Number of Students
			Theoretical	Practical	
2020-2021	Spring	BİL143 Veri Yapıları	2	2	13
		BİL286/BİL386 Veritabanı Programlama	2	2	6
		BİL202 İşletim Sistemleri	2	2	15
		CIS202 Operating Systems	2	2	34
		BİL232 Görsel Programlama I	2	2	16
		BİL252/BİL352 Görsel Programlama II	2	2	7
	Fall	BİL143/BİL243 Veri Yapıları	2	2	17
		BİL342 Bilgisayar ve Etik	2	2	3
		BİL286/BİL386 Veritabanı Programlama	2	2	3
		BİL205 Programlama Dili I	2	2	9
		CIS205 Programming Language I	2	2	43
		CIS286/CIS386 Database Programming	2	2	20
2019-2020	Summer	CIS205 Programming Language I	2	2	5
		CIS386 Database Programming	2	2	11
		CIS430 Information Systems for Communication	2	2	5

2019-2020	Spring	BİL202 İşletim Sistemleri	3	0	12
		CIS202 Operating Systems	3	0	21
		BİL411 Enformasyon Sistemleri Yönetimi	0	3	5
		BİL232 Görsel Programlama I	2	1	13
		BİL352 Görsel Programlama II	2	1	4
	Fall	MOD101, MOD106 Programlamaya Giriş	2	1	47
		MOD201 Veri Yapıları ve Algoritmalar	2	1	8
		BİL143, BİL243 Veri Yapıları	2	1	4
		BİL286, BİL386 Veritabanı Programlama	2	1	4
		BİL205 Programlama Dili I	2	1	7
		CIS205 Programming Language I			
		BİL 470 Donanım ve Yazılım Doğrulama	2	1	3

14. Google Scholar Citations:

<https://scholar.google.com.tr/citations?user=o-1xTloAAAAJ&hl=tr>



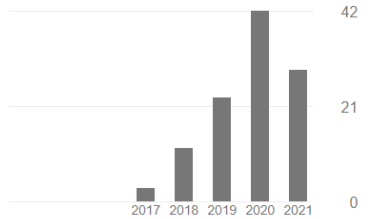
SELİN ÜZELALTINBULAT

Computer Engineering, PhD at Near East University
neu.edu.tr üzerinde doğrulanmış e-posta adresine sahip - [Ana Sayfa](#)
[Artificial Intelligence](#) [C programming](#) [Machine Learning](#) [Data Structures](#)

TAKİP EDİLİYOR

Alıntı yapanlar

	Hepsi	2016 yılından bugüne
Alıntılar	110	109
h-endeksi	5	5
i10-endeksi	4	4



Katkıda bulunan yazarlar

[DÜZENLE](#)



Fakhreddin Mamedov or Fahreddin Sa...
Professor of Electrical Engineeri...

<input type="checkbox"/> BAŞLIK	ALINTI YAPANLAR	YIL
<input type="checkbox"/> Biometric Retina Identificatiaon Based on Neural Network F Sadikoglu, S Uzelaltinbulat http://www.sciencedirect.com/science/article/pii/S1877050916325455 102 ...	43	2016
<input type="checkbox"/> Artificial intelligence based ensemble modeling for multi-station prediction of precipitation V Nourani, S Uzelaltinbulat, F Sadikoglu, N Behfar Atmosphere 10 (2), 80	26	2019
<input type="checkbox"/> Lung tumor segmentation algorithm BU Selin Uzelaltinbulat Procedia Computer Science 120 (-), 140–147	22	2017
<input type="checkbox"/> Emotional artificial neural networks (EANNs) for multi-step ahead prediction of monthly precipitation; case study: northern Cyprus V Nourani, A Molajou, S Uzelaltinbulat, F Sadikoglu Theoretical and Applied Climatology 138 (3), 1419-1434	11	2019
<input type="checkbox"/> Spatiotemporal precipitation modeling by artificial intelligence based ensemble approach	8	2020