

Curriculum Vitae

1. **Name Surname:** SEREN BAŞARAN
2. **Affiliation:** Asst. Prof. Dr.
3. **Educational Background:**

Degree	Field	University	Year
BSc. MSc.	Mathematics Mathematics	Hacettepe University Middle East Technical University	1997 2000
PhD	Secondary Science and Mathematics Education	Middle East Technical University	2011

4. **Academic Affiliations**

Affiliation	Department	University	Year
Asst. Prof. Dr.	Computer Information Systems	Near East University(NEU)	2015-present
Asst. Prof. Dr.	Computer Technologies Education	Girne American University(GAU)	2013-2015

5. **Supervised and completed Theses**

6.1 MSc. Thesis supervised

J.K. Macharia(2023). Selecting Cost Effective Green Computing Approach for Server Virtualization Using FAHP-TOPSIS. Unpublished Thesis, NEU Lefkoşa.

A.S. Duobah II(2023). Selection of cloud solution for big data using FAHP-Fuzzy TOPSIS approach, Unpublished Thesis, NEU Lefkoşa

K.A. Hussein (2022). Investigating the Impact of Covid-19 on the Adoption of Instructional Technologies in Education. Unpublished Thesis, NEU Lefkoşa.

F. El Homsı (2022). Multi-Criteria Decision Making Of Mobile Application For Mathematics Using Fuzzy TOPSIS Technique. Unpublished Thesis, NEU Lefkoşa.

- O. A. Ighagbon(2020) Evaluating Potential Risks, Failures And Quality of Mobile Learning Platforms. Unpublished Thesis, NEU Lefkoşa.
- Ugwu P.C. (2020) Investigating the Effects of Interaction On Student Performance In Virtual Learning Environments. Unpublished Thesis, NEU Lefkoşa.
- Husayn, M.S. K. (2019) University Students' Acceptance Of Social Media In Higher Education Unpublished Thesis, NEU Lefkoşa.
- Daganni A. M. I. (2018) Determinants of Learning Analytics Tool Adoption by University Students. Unpublished Thesis, NEU Lefkoşa.
- Aldahmani. E. A. I. (2018) Investigating University Students' Acceptance of Web-Based Learning System Use To Support Learning. Unpublished Thesis, NEU Lefkoşa.
- Nuweeji. H.S. J. (2018) University Students' Acceptance Of Social Media in Learning Unpublished Thesis, NEU Lefkoşa.
- Alsghaier, A. M. (2018) Investigating University Students' Intention To Use E-Learning Management Systems in North Cyprus Universities. Unpublished Thesis, NEU Lefkoşa.
- Ejimogu, O. H. (2018) Predicting Personality From Facebook Data: A Neural Network Approach. Unpublished Thesis, NEU Lefkoşa.
- Aduradola J. O. (2018) Comparing Different Multi-Criteria Decision-Making Methods To Evaluate Mobile Applications For Mathematics Learning. Unpublished Thesis, NEU Lefkoşa.
- Fadel, G. A. S. (2017) Acceptance of Mobile Cloud Computing In Higher Education: Case Of North Cyprus Universities. Graduate School of Applied Sciences, Computer Information Systems. Unpublished Thesis, NEU Lefkoşa.
- Balout, M. I. (2017) Investigating University Students Acceptance of Mobile Learning Technologies in North Cyprus Universities Graduate School of Applied Sciences, Computer Information Systems. Unpublished Thesis, NEU Lefkoşa.
- Rukundo, S. M.G. (2017) Ethical Use of Facebook In ICT Context: Students and Faculty Perspectives. Graduate School of Applied Sciences, Computer Information Systems. Unpublished Thesis, NEU Lefkoşa.
- Awad, A. (2017) Quality of Service Approaches in Cloud Computing Based Mobile Environments: A Systematic Mapping Study. Graduate School of Applied Sciences, Computer Information Systems. Unpublished Thesis, NEU Lefkoşa.
- Haruna Y. (2017) Integrating FAHP and TOPSIS for Quality and User Satisfaction Evaluation of Mobile Learning Applications for Mathematics.

Graduate School of Applied Sciences, Computer Information Systems.
Unpublished Thesis, NEU Lefkoşa.

Mohammed,A.,A.(2016) M-Governance Services Adoption By Higher Education Institutions: Case Of North Cyprus Universities. Graduate School of Applied Sciences, Computer Information Systems. Unpublished Thesis, NEU Lefkoşa.

Mohammed, A. K. (2016) Investigating Instructors' Perspectives on Social Media Usage in Educational Context. Graduate School of Applied Sciences, Computer Information Systems. Unpublished Thesis, NEU Lefkoşa.

Hama, G.Ö. (2016) Cloud Computing Adoption by Universities of Northern Cyprus and Northern Iraq. Graduate School of Applied Sciences, Computer Information Systems. Unpublished Thesis, NEU Lefkoşa.

Belhaj, F. A. (2016) Availability of E-Commerce Applications in North Cyprus Universities. Graduate School of Applied Sciences, Computer Information Systems. Unpublished Thesis, NEU Lefkoşa.

Güneyli,G. (2014) Investigation of Elementary School Teachers' Views about their School Principals on Ethical Leadership and Organizational Justice (The Case of Northern Cyprus), Educational Management and Administration, Unpublished Thesis, GAU, Girne.

6. Published Articles

7.2. Published articles in International Peer Reviewed Journals(SSCI,ESCI,SCOPUS)

Başaran, S. and Hussein, K.A. (2023). Determinants of University Students' Intention to Use Video Conferencing Tools during COVID-19 Pandemic: Case of Somalia. *Sustainability*, 15(3), 2457. <https://doi.org/10.3390/su15032457>

S. Basaran and Homsı, F. E. (2022). "Mobile Mathematics Learning Application Selection using Fuzzy TOPSIS" *International Journal of Advanced Computer Science and Applications*, 13(2), 270-282.
<http://dx.doi.org/10.14569/IJACSA.2022.0130233>

Başaran, S. (2021). Investigating University Students' Acceptance of Blended Learning during COVID-19 Pandemic. *International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies*, 12(13), 12A13J, 1-11. <http://TUENGR.COM/V12/12A13J.pdf>
DOI:10.6084/m9.figshare.17602388

Başaran, S., & Ejimogu, O. H. (2021). A Neural Network Approach for Predicting Personality From Facebook Data. *SAGE Open*. 11(3), 1-15.
<https://doi.org/10.1177/21582440211032156>

Basaran, S., & Mohamed, A. (2020). Learning Analytics Tool Adoption by University Students. *International Journal of Advanced Computer Science and Applications*, 11(7). doi:10.14569/ijacsa.2020.0110740

Basaran, S., & Khalleefah, R.K.H. (2020). Usability Evaluation of Open Source Learning Management Systems. *International Journal of Advanced Computer Science and Applications(IJACSA)*, 11(6). DOI:[10.14569/IJACSA.2020.0110652](https://doi.org/10.14569/IJACSA.2020.0110652)

S. Basaran,(2019) "Faculty's Social Media usage in Higher Education Embrace Change or Left Behind" *International Journal of Advanced Computer Science and Applications(IJACSA)*, 10(10), 2019.
<http://dx.doi.org/10.14569/IJACSA.2019.0101021>.

Başaran, S.& Aduradola, O.J. (2018). A Multi-Criteria Decision Making to Rank Android Based Mobile Applications for Mathematics. *International Journal of Advanced Computer Science and Applications*. vol. 9. Issue 7. DOI: 10.14569/IJACSA.2018.090714.

Başaran,S. (2017). Investigating Ethical Information Sharing in Facebook within Educational Context through Adopted PAPA Framework," *TOJET: The Turkish Online Journal of Educational Technology*, 10, pp. 268 - pp. 275. Retrieved from http://www.tojet.net/special/2017_11_2.pdf. ISSN: 2146-7242.

7.3. International conference Proceedings

Başaran, S. (2019) Investigating University Students' Views on Flipped Classroom Approach. *INTED2019 Proceedings*. pp. 8050-8059. DOI: 10.21125/inted.2019.1998 (WoS).

Başaran,S. Hama, G. O. (2018) Exploring Faculty Members' Views On Adoption Of Cloud Computing in Education. *International Scientific Conference "Society, Integration, Education - SIE2018"*. DOI: 10.17770/sie2018vol1.3290(WoS).

Başaran, S. , Rukundo, S. (2018) University Students' And Faculty's Views On Ethical Use Of Facebook Within ICT Context. *INTED2018 Proceedings*. pp. 3679-3688. DOI:10.21125/inted.2018.0706(WoS).

Başaran,S., Haruna, Y. (2017) Multi-Criteria User Satisfaction and Quality Evaluation of Mobile Learning Applications for Mathematics. 9th International Conference on Theory and application of Soft Computing, Computing with Words and Perception(ICSCCW'17),August,21-23,2017, Budapest, Hungary, *Procedia Computer Science*. DOI: 10.1016/j.procs.2017.11.214(WoS).

Ejimoğu, O. H., & Başaran, S. (2017). A systematic mapping study on soft computing techniques to cloud environment. *Procedia Computer Science*, 120, 31–38. doi:10.1016/j.procs.2017.11.207(WoS)

Başaran,S.(2017). Investigating Ethical Information Sharing in Facebook within Educational Context through Adopted PAPA Framework, International Conference on New horizons in Education (INTE) , July 17-19, Berlin, Germany, vol. 2, pp. 266 - pp. 273. (Scopus)

Başaran, S. (2016) Multi-Criteria Decision Analysis Approaches for Selecting and Evaluating Digital Learning Objects, 12th International Conference On Application of Fuzzy Systems And Soft Computing (ICAFS'16). August 29-30, 2016, Viyana, Avusturya. Procedia Computer Science .DOI: 10.1016/j.procs.2016.09.398(WoS)

Başaran, S. & Berberoğlu, G. (2012) An Exploration of affective and demographic factors regarding mathematical thinking and reasoning of university students. Procedia- Social and Behavioral Sciences, Volume: 47, pp.862-867. (WoS)

Başaran, S. & Sarı, M. (2009). An exploration of the relationship between factors affecting students' views about proof and their performance in proof. In Tzekaki, M., Kaldrimidou, M. & Sakonidis, H. (Eds.). Proceedings of the 33rd Conference of the International Group for the Psychology of Mathematics Education Volume: 1. p.335, Thessaloniki, Greece: PME. ISBN: 978-960-243-652-3 (WoS)

Sarı, M. & Başaran, S. (2009). A Structural equation modeling study: Modeling the relationship between factors affecting students' views about proof and their performance in proof. 23rd International European Conference on Operational Research (EURO XXIII). p. 517. Bonn, Almanya. (CPCI-S & CPCI-SSH)

Başaran, S. (2008). Undergraduate Mathematics Students' Understanding of Proof by Contraposition in Verbal, Symbolic and Visual Contexts with respect to their Learning Styles.4th YERME(Young European Researchers in Mathematics Education) Summer School. pp. 92-95. Trabzon,Türkiye. (WoS)

Başaran, S. & Yalabık, N. (2004). E-learning Success with 'NET-Class' Learning Management System (LMS). First International Conference on "Innovations in Learning for the Future: e-Learning. pp.379-392, Istanbul,Türkiye

Başaran, S. & Yalabık, N. & Kızıloğlu, Ü. (2002). 'NET-Class' Multilingual Web based Learning Management Tool. Proceedings of 17th International Symposium on Computer and Information Sciences (ISCIS XVII). pp:344-348. Orlando, Florida. CRC Press, ISBN: 0-8493-1490-9

7.6 National Conference Proceedings

Başaran, S. & Yalabık, N., Kızıloğlu, Ü. & Aytekin,T.(2002). 'NET-Class' Öğrenme Yönetim Sistemi. 8th Conference on Internet in Türkiye (INET-TR'02). 19th-21th December, 2002. Istanbul, Türkiye

Başaran, S. & Tulu, B. (1999). Bilişim Çağında Asenkron Eğitim Ağlarının Konumu. 5th Conference on Internet in Türkiye (INET-TR'99), 19th -21th November 1999, Ankara, Türkiye.

7.7 Other Published Articles

Başaran, S. & Özkan, S. (2010). E-öğrenmenin Benimsenmesi ve Mühendislik Öğrencilerinin Yaklaşımları. *EMO Bilim (K.T.M.M.O.B) Elektrik Mühendisleri Odası Dergisi*. Sayı:28. sayfalar.49-52.

7. Contributions to Projects

METU Informatics Institute Introduction to Information Technologies and Applications Course content development 2006-2011
METU METU-Online Distance Education Project, NET-Class Learning Management System development and technical support,2000-2006
Informatics Online, technical support for the Learning Management System used in the Information Systems Master's Program, 2000-2001
TRAINING, Technical support for the Training of Trainers Informatics Certificate Program Learning Management System,1999 - 2000.

8. Administrative Positions

Vocational School Computer Programming English and Turkish Department Head (4th May , 2018 –)

Institute of Applied Sciences Ethics committee membership(29th April, 2016 – 24th May, 2017)

GAÜ Faculty of Education Deputy Dean (19th September 2013 – 9 th July 2014)

9. Academic Memberships

Reviewerships:

Journal of Intelligent & Fuzzy Systems(SSCI)

Sustainability(SSCI)

Education Sciences(SSCI)

IEEE Access(SCIE)

Mathematical Problems in Engineering(SSCI-Expanded)

International Journal of Advanced Computer Science and Applications(ESCI,SCOPUS) IEEE Transactions on Engineering Management (SSCI,SCI, SCI Expanded) Computers in Human Behavior(SSCI)
 International Journal of Computers and Applications(Scopus)
 Hacettepe Üniversitesi Eğitim Fakültesi Dergisi(Scopus) Journal of Computational Science(SSCI)
 International Journal of advances in applied Sciences(ESCI)
 Computer Applications in Engineering Education
 Sosyal Bilimler Dergisi
 African Educational Research Journal

NEU Vocational School Administrative Board Member, 4
 Mayıs,2018- Cyprus Education Association Member, 2011 –
 Günsel Academia consulting member 2020-

10. Awards

1999 İhsan Doğramacı Foundation Excellence award(Hacettepe Uni. Mathematics dept, 1st place in dept, 2nd place at the Faculty of Science)

1992 Central Council of the Royal Commonwealth Society Essay Competition Award, Certificate Class A (Northumberland Avenue, London WC2N 5BJ)

2021NEU Publication Award

11. Course taught

	dönem	Ders Adı	Saat/Hafta		Öğrenci Sayısı
			Teori	Uygulama	
2022-2023	Güz	Bilişim sistemlerine Giriş I	2	2	50
		Introduction to Information systems	2	2	50
		Software Engineering	3	0	25
		Research Methods& Ethics(MSc+PhD)	3	0	40
		Yazılım Mühendisliği	3	0	20
		Sistem Analizi ve Tasarımı	3	0	20
		Graduation Project	3	0	5

2021-2022	Bahar	Database Management Systems	2	0	25
		BT'de Etik ve Sosyal Konular	2	2	15
		Ethical and Social Issues	3	0	25
		Research Methods& Ethics(MSc+PhD)	3	0	40
		Veri Tabanı Yönetim Sistemleri	3	0	20
		Mezuniyet Projesi	3	0	5
2021-2022	Güz	Database Management Systems	2	0	10
		Software Testing	2	2	30
		Yazılım Muhendisligi	3	0	15
		Research Methods& Ethics(MSc+PhD)	3	0	30
		Veri Tabanı Yönetim Sistemleri	3	0	10
		Graduation Project	3	0	5
2020-2021	Bahar	Database Management Systems	2	2	25
		Ethical Social Issues in Information Systems	3	0	20
		IT Project Management(YL)	3	0	25
		Research Methodsand	3	0	30

		Ethics (YL)			
		Bilişim Teknolojilerinde Proje Yönetimi	3	0	15
		Mezuniyet Projesi	3	0	5
2019-2020	Güz	Database Management Systems	2	0	15
		Ethical Social Issues in Information Systems	2	2	7
		Advanced Software Testing(YL)	3	0	12
		Scientific Research Methods(YL)	3	0	10
2018-2019	Bahar	Database Management Systems	2	0	15
		Management Information Systems	2	2	7
		IT Project Management(YL)	3	0	12
		Scientific Research Methods(YL)	3	0	20