

ÖZGEÇMİŞ

1. **Adı Soyadı:** Ali HAMİTOĞLU
2. **Unvanı:** Dr. Öğr. Üyesi
3. **Öğrenim Durumu:**

Derece	Alan	Üniversite	Yıl
Lisans	Bilgisayar Mühendisliği	Al-Mamon Üniversitesi Bağdat-Irak	2009
Y. Lisans	Bilgisayar Mühendisliği	Doğu Akdeniz Üniversitesi Gazimağusa-Kuzey Kıbrıs Türk Cumhuriyeti	2012
Doktora	Bilgisayar Mühendisliği	Selçuk Üniversitesi Konya-Türkiye	2017
Doktora Sonrası	Bilgisayar Mühendisliği	İstanbul Üniversitesi-Cerrahpaşa Konya-Türkiye	2021

5. Akademik Unvanlar:

Yardımcı Doçentlik Tarihi : Eylül 2017 - devam ediyor
Doçentlik Tarihi :
Profesörlük Tarihi :

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

6.1.1 Tuba Elmas ALKHAN, YÜZ ALGILAMA VE TANIMA İÇİN DERİN ÖĞRENME

6.1.2 Orçun KİTAPCI, DERİN ÖĞRENME MODELLERİ İLE ELEKTRİK KESİNTİ TAHMİNİ

6.2. Doktora Tezleri

6.2.1 Walead Kaled Sleaman SLEAMAN, OTONOM ROBOT NAVİGASYONU İÇİN BİLGİSAYAR GÖRÜŞÜ VE DERİN ÖĞRENMENİN BİRLEŞTİRİLEREK KULLANILMASI

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)

- 7.1.1 Mohammad Shukri Salman, **Alaa Ali Hameed** and Bekir Karlik, "Convex combination of recursive inverse algorithms," Turkish Journal of Electrical Engineering and Computer Science, 2013. (SCI-E, IF: 0.806, Q3)
- 7.1.2 **Alaa Ali Hameed**, Bekir Karlik and Mohammad Shukri Salman, "Back-propagation algorithm with variable adaptive momentum", Knowledge-Based Systems, 2016. (SCI, IF: 8.038, Q1)
- 7.1.3 Naim Ajlouni, **Alaa Ali Hameed** and Firas Ajlouni, "Improving DBMS Security through the use of a Checksum Technique", International Journal of Computer Science and Information Security, 2017. (International Journal)
- 7.1.4 **Alaa Ali Hameed**, Bekir Karlik, Mohammad Shukri Salman and Gülden Eleyan, "Robust adaptive learning approach of self-organizing maps", Knowledge-Based Systems, 2019. (SCI, IF: 8.038, Q1)
- 7.1.5 **Alaa Ali Hameed**, Naim Ajlouni, Zeynep Orman, Adem Özyavaş, "Investigating the Effectiveness of Adaptive Step Size LMS Algorithms for the Use with VOIP Applications", Electrica, 2020. (ESCI, Q4)
- 7.1.6 Jawad Rasheed, Akhtar Jamil, **Alaa Ali Hameed**, Usman Aftab, Javaria Aftab, Syed Attique Shah, Dirk Draheim, "A survey on artificial intelligence approaches in supporting frontline workers and decision makers for the COVID-19 pandemic", Chaos, Solitons & Fractals, 2020. (SCI, IF: 5.944, Q1)
- 7.1.7 Jawad Rasheed, **Alaa Ali Hameed**, Chawki Dejeddi, Akhtar Jamil, Fadi Al-Turjman, "A Machine Learning-based framework for diagnosis of COVID-19 from Chest X-ray Images", Interdisciplinary Sciences: Computational Life Sciences, 2020. (SCI-E, IF: 2.233, Q3)

- 7.1.8 Jawad Rasheed, **Alaa Ali Hameed**, Chawki Dejeddi and Akhtar Jamil, "An artificial intelligence-based framework for identification of COVID-19 disease", Expert Systems. (Under review).
- 7.1.9 Jawad Rasheed, Akhtar Jamil, **Alaa Ali Hameed**, and Fadi Al-Turjman, " COVID-19 in the Age of Artificial Intelligence: A Comprehensive Review", Interdisciplinary Sciences: Computational Life Sciences, 2021. (SCI-E, IF: 2.233, Q3)
- 7.1.10 Akhtar Jamil, Aftab Ahmed khan, **Alaa Ali Hameed**, Sibghat Sibghat Ullah Bazai, Land Cover Classification using Machine Learning Approaches from High Resolution Images, Journal of Applied and Emerging Sciences, 2021. (International Journal)
- 7.1.11 **Alaa Ali Hameed**, Mohammad Shukri Salman, "Analysis of convexly combined recursive inverse algorithms", International Journal of Adaptive Control and Signal Processing (Under review).
- 7.1.12 **Alaa Ali Hameed**, Naim Ajlouni and Adem Özyavaş, "Investigating the effectiveness of a BP with Variable Adaptive Momentum Compared to Conventional BP Algorithm", Network: Computation in Neural Systems (Under review).
- 7.1.13 **Alaa Ali Hameed**, Akhtar Jamil, "An improved novel self-organizing map based on sparse learning". IEEE Transactions on Neural Networks and Learning System, (Under review).
- 7.1.14 Akhtar Jamil, Aftab Khan, Dostdar Hussain, Imran Ali, and **Alaa Ali Hameed**, "Deep Learning-based Framework for Monitoring of Debris-Covered Glacier from Remotely Sensed Images", Journal of Applied Remote Sensing (JARS), (Under review).

7.2. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities) (İnceleme altında)

- 7.2.1 Sleaman, W., Hameed, A.A.: Skin cancer diagnosis using deep fused features based on advance deep learning technique. (Tentative Submission: Medical Hypotheses)
- 7.2.2 Hameed, A.A., Jamil, A.: 2-Dimensional spare variable stepsize LMS based on PSO optimization. (Tentative Submission: Signal, Image and Video Processing)
- 7.2.3 Hameed, A.A., Jamil, A.: Hybrid Meta-heuristic algorithm for sparse adaptive filters (Tentative Submission: Digital Signal Processing)
- 7.2.4 Sleaman, W., Hameed, A.A.: Improved adaptive RNN using advance learning Adam optimizer (Tentative Submission: Applied Intelligence).

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (*Proceedings*) basılan bildiriler

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

- 7.6.1 **Alaa Ali Hameed**, Mohammad Shukri Salman and Bekir Karlik, "A New 2-D Convex Combination of Recursive Inverse Algorithms", 2014 IEEE 34th International Scientific Conference on Electronics and Nanotechnology (ELNANO), 2014.
- 7.6.2 Mohammad Shukri Salman, **Alaa Ali Hameed**, Cemil Turan and Bekir Karlik, "A New Sparse Convex Combination of ZA-LLMS and RZA-LLMS Algorithms", 2015 23rd Signal Processing and Communications Applications Conference (SIU). IEEE, 2015.
- 7.6.3 **Alaa Ali Hameed** and Wisam Husam, "A Complexity and Efficiency of Adaptive Momentum on Back-Propagation Algorithm", 3rd Global Summit and Expo on Multimedia and Artificial Intelligence, 2017.
- 7.6.4 **Alaa Ali Hameed**, Kaveh Dehghanian, Saed Moghimi, Naim Ajlouni, "A Comparative Study on Signal processing of Accelerated Time Histories", Applied Research International Conferences (ARICON), 2018.
- 7.6.5 **Alaa Ali Hameed**, Naim Ajlouni, Kaveh Dehghanian, Saed Moghimi, Adem Özyavaş, "Sonar Signals Discrimination Using BPVAM Algorithm", Applied Research International Conferences (ARICON), 2018.
- 7.6.6 **Naim Ajlouni**, **Alaa Ali Hameed**, Kaveh Dehghanian, Saed Moghimi, Adem Özyavaş, "Design of a Genetically

- Fuzzy mapped Swarms PID Controller for UAV", Applied Research International Conferences (ARICON), 2018.
- 7.6.7 **Metin** Zontul, Ferdi Sönmez, Naim Ajlouni, **Alaa Ali Hameed**, "Customer Credit Rating Estimation By Using Machine Learning Methods", Applied Research International Conferences (ARICON), 2018.
- 7.6.8 **Alaa Ali Hameed** and Naim Ajlouni, "Robust Adaptive SOMs Challenges in a Varied Datasets Analytics", International Workshop on Self-Organizing Maps, 2019.
- 7.6.9 **Alaa Ali Hameed**, Naim Ajlouni, Adem Özyavaş, Zeynep Orman, and Ali Güneş, "An Efficient Medical Diagnosis **Algorithm** Based on a Hybrid Neural Network with a Variable Adaptive Momentum and PSO Algorithm", HORA2019.
- 7.6.10 Naim Ajlouni, **Alaa Ali Hameed**, Ali Güneş, Adem Özyavaş and Zeynep Orman, "The Use of a Robust-Adaptive Self Organizing Map to Enhance the Prediction Performance of Clinical Dataset", HORA2019.
- 7.6.11 Naim Ajlouni, **Alaa Ali Hameed**, Zeynep Orman and Adem Özyavaş, "Investigating the Performance of Robust **Adaptive** SOM against Conventional and Modified SOM Algorithms", Communications Faculty of Sciences University of Ankara Series A2-A3 Physical Sciences and Engineering (Conference date: Oct. 26, 2019).
- 7.6.12 Jawad Rasheed, **Alaa Ali Hameed**, Naim Ajlouni, Akhtar Jamil, Adem Özyavaş, Zeynep Orman, "Application of Adaptive Back-Propagation Neural Networks for Parkinson's Disease Prediction", International Conference on Data Analytics for Business and Industry, 2020.
- 7.6.13 Jawad Rasheed, Akhtar Jamil, **Alaa Ali Hameed**, Muhammad Ilyas, Adem Özyavaş, Naim Ajlouni, "Improving Stock Prediction Accuracy Using CNN and LSTM", International Conference on Data Analytics for Business and Industry, 2020.
- 7.6.14 **Alaa Ali Hameed**, Akhtar Jamil, Naim Ajlouni, Jawad Rasheed, Adem Özyavaş, Zeynep Orman, "Classification of Epileptic Seizures using Artificial Neural Network with Adaptive Momentum", International Conference on Data Analytics for Business and Industry, 2020.
- 7.6.15 Hasibe Busra Dogru, Sahra Tilki, Akhtar Jamil, **Alaa Ali Hameed**, "Deep Learning-Based Classification of News Texts Using **Doc2Vec** Model", 2021 1st International Conference on Artificial Intelligence and Data Analytics (CAIDA). IEEE, 2021.
- 7.6.16 Mustafa **Takaoglu**, Naim Ajlouni, Adem Ozyavas, **Alaa Ali Hameed**, "Blockchain Based National Donation Chain Project", International Symposium of Scientific Research and Innovative Studies, 2021.
- 7.6.17 Hasibe Busra Dogru, **Alaa Ali Hameed**, Sahra Tilki, Akhtar Jamil, "Comparative Analysis of Deep Learning and Traditional **Machine** Learning Models for Turkish Text Classification", International Conference on Computing and Machine Intelligence (ICMI 2021), 2021.
- 7.6.18 Sahra Tilki, Hasibe Busra Dogru, **Alaa Ali Hameed**, Akhtar Jamil, Jawad Rasheed, Erdal Alimovski, "Gender **Classification** using Deep Learning Techniques", International Conference on Computing and Machine Intelligence (ICMI 2021), 2021.
- 7.6.19 Abdulkadir Şahiner, **Alaa Ali Hameed**, Akhtar Jamil, "Identifying Pneumonia in SARS-CoV-2 Disease from Images using **Deep** Learning", International Conference on Computing and Machine Intelligence (ICMI 2021), 2021.
- 7.6.20 Merve Gün, **Alaa Ali Hameed**, Akhtar Jamil, Mirşat Yeşiltepe, "Skin Lesions Segmentation and Classification for Medical **Diagnosis**", International Conference on Computing and Machine Intelligence (ICMI 2021), 2021.
- 7.6.21 Doğançan Ulutas, **Alaa Ali Hameed**, Erdal Alimovski, "Weather Forecasting Using Back Propagation Feed Forward Neural Network and Multiple Linear Regression", International Conference on Computing and Machine Intelligence (ICMI 2021), 2021.
- 7.6.22 Elif Aşıcı, **Alaa Ali Hameed**, Akhtar Jamil, Jawad Rasheed, "COVID-19 Detection from Chest X-ray Images", **International** Conference on Computing and Machine Intelligence (ICMI 2021), 2021.
- 7.6.23 **Orçun** Kitapçı, **Alaa Ali Hameed**, Akhtar Jamil, "Electricity Loss and Fraud Prediction with Deep Learning", International Conference on Computing and Machine Intelligence (ICMI 2021), 2021.
- 7.6.24 Ayşenur Topbaş, **Alaa Ali Hameed**, Akhtar Jamil, "Hypermeters Optimization in Recurrent Neural Networks-LSTM **Approach** for Human Activity", International Conference on Computing and Machine Intelligence (ICMI 2021), 2021.
- 7.6.25 **Fatma** Kırac, Akhtar Jamil, **Alaa Ali Hameed**, Jawad Rasheed, Mirsat Yesiltepe, Bulent Bayram, "Machine Learning Methods for Land Cover Classification from Multi-Spectral Images", International Conference on Computing and Machine Intelligence (ICMI 2021), 2021.
- 7.6.26 Tuba Elmas Alkhan, **Alaa Ali Hameed**, Akhtar Jamil, "Deep Learning for Face Detection and Recognition", **International** Conference on Advanced Engineering, Technology and Applications (ICAETA-2021), 2021.
- 7.6.27 Mohammad Ikhsan Zakaria, Akhtar Jamil, **Alaa Ali Hameed**, "Deep Learning-based Healthcare Data Analysis System", International Conference on Advanced Engineering, Technology and Applications (ICAETA-2021), 2021.
- 7.6.28 Emir Akcin, Kemal Sami Isleyen, Enes Ozcan, **Alaa Ali Hameed**, Erdal Alimovski, Akhtar Jamil, A Hybrid Feature **Extraction** Method for Heart Disease Classification using ECG Signals, 2021 The Innovations in Intelligent Systems and Applications Conference (ASYU). IEEE, 2021.

- 7.6.29 Ayşenur Topbaş, Akhtar Jamil, **Alaa Ali Hameed**, Syed Muzafar Ali, Sibghatullah Bazai, Syed Attique Shah, **Sentiment** Analysis for COVID-19 Tweets Using Recurrent Neural Network (RNN) and Bidirectional Encoder Representations (BERT) Models, ICE CUBE 2021: 2021 International Conference on Computing, Electronic and Electrical Engineering (ICE Cube). IEEE, 2021.
- 7.6.30 Vildan Mercan, Akhtar Jamil, **Alaa Ali Hameed**, Irfan Ahmed Magsi, Sibghatullah Bazai, Syed Attique Shah, Hate Speech and Offensive Language Detection from Social Media, ICE CUBE 2021: 2021 International Conference on Computing, Electronic and Electrical Engineering (ICE Cube). IEEE, 2021.
- 7.6.31 Abdullah Ahmed Al-Dulaimi, Muhammet Güneşer, **Alaa Ali Hameed**, Thermal modeling for underground cable under the **effect** of thermal resistivity and burial depth using Finite Element Method, The Sixth Smart City Applications International Conference (SCA21). Springer LNNS, 2021.
- 7.6.32 **Alaa Ali Hameed**, Akhtar Jamil, Zeynep Orman, Syed Attique Shah, Application of Generalized Relevance Linear Vector Quantization for Diabetes Diagnosis, 2021 International Conference on Innovative Computing (ICIC). IEEE, 2021.
- 7.6.33 Abdullah Ahmed Al-Dulaimi, Muhammet Tahir Güneşer, **Alaa Ali Hameed**, Investigation of Thermal Modeling for **Underground** Cable Ampacity Under Different Conditions of Distances and Depths, 5th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT). IEEE, 2021.
- 7.6.34 Akhtar Jamil, Bulent Bayram, **Alaa Ali Hameed**, Aftab Ahmed Khan, Glacier Classification from Remotely Sensed **Images** using Variational AutoEncoder, International Symposium on Applied Geoinformatics (ISAG2021). IEEE, 2021.
- 7.6.35 Seda Guney, Irem Kılınc, **Alaa Ali Hameed**, Akhtar Jamil, Abalone Age Prediction Using Machine Learning, 2021 The **5th** Mediterranean Conference on Pattern Recognition and Artificial Intelligence (MedPRAI 2021). Springer, 2021.
- 7.6.36 Ebru Nur Mutlu, Ayse Devim, **Alaa Ali Hameed**, Akhtar Jamil, Deep Learning for Liver Disease Prediction, 2021 The **5th Mediterranean** Conference on Pattern Recognition and Artificial Intelligence (MedPRAI 2021). Springer, 2021.
- 7.6.37 Abdullah Ahmed Al-Dulaimi, Muhammet Tahir Guneser, **Alaa Ali Hameed**, The thermal modeling for Underground cable **based** on ANN prediction, 2021 The 5th Mediterranean Conference on Pattern Recognition and Artificial Intelligence (MedPRAI 2021). Springer, 2021.
- 7.6.38 Melih Sah Cecic, Kübra Nur Korkmaz, Habib Müküs, **Alaa Ali Hameed**, Akhtar Jamil, Amani Yahyaoui, Artificial Intelligence Approach for modeling House Price Prediction, The 7th IEEE International Conference on Data Science and **Machine** Learning Applications (CDMA 2022). IEEE, 2021, (Under Review).
- 7.6.39 Resul Ozel, Hayriye Erol, Ismail Nebi Genc, **Alaa Ali Hameed**, Akhtar Jamil and Faezeh Soleimani, Earthquake Forecasting based on Automated Statistical Learning Techniques, The 7th IEEE International Conference on Data Science and Machine Learning Applications (CDMA 2022). IEEE, 2021, (Under Review).

7.7. Diğer yayınlar

8. Projeler

9. İdari Görevler

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

11. Ödüller

12. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2017 - 2018	Güz	COMPUTER PROGRAMMING FOR ENGINEERING	1	1	30
		MÜHENDİSLER İÇİN BİLGISAYAR PROGRAMLAMA	1	1	45
		NESNE TABANLI PROGRAMLAMA	1		20
		PROFESSIONAL ENGLISH-I	1		280
	İlkbahar	COMPUTER PROGRAMMING FOR ENGINEERING		1	50
		COMPUTER PROGRAMMING-I	1	1	10
		DATA STRUCTURES	1	1	25
		INTRODUCTION TO CLOUD COMPUTING	1		50

		INTRODUCTION TO COMPUTER NETWORK SECURITY	1		50
		MOBİL VE KABLOSUZ AĞLAR	1		70
		PROFESSIONAL ENGLISH-II	1		320
2018 - 2019	Güz	AĞ YAPILARI VE İNTERNET KULLANIMI	1		25
		COMPUTER PROGRAMMING FOR ENGINEERING APPLICATIONS	1	1	40
		GRADUATION PROJECT-I	1	1	5
		HUMAN COMPUTER INTERACTION	1		40
		NESNE TABANLI PROGRAMLAMA	1	1	15
		THEORY OF COMPUTATION	1		55
		WEB PROGRAMMING	1	1	70
	İlkbahar	DATA STRUCTURES	1	1	25
		GRADUATION PROJECT-II	1	1	5
		HUMAN COMPUTER INTERECTION	1		45
		INFORMATION SYSTEM SECURITY	1		53
		MATEMATİK-II	1		78
		VERİ MADENCİLİĞİ	1		38
2019 - 2020	Güz	BIÇİMSEL DİLLER VE OTOMATA KURAMI	2		95
		BİLGİ SİSTEMLERİ ANALİZ VE TASARIMI	1		50
		VERİ TABANI SİSTEMLERİ	1	1	48
	İlkbahar	ALGORITMA ANALIZI_FINAL	2	1	85
		DERLEYİCİ TASARIM_FINAL	2		90
		MAKİNE ÖĞRENMESİNE GİRİŞ	1	1	50
2020 - 2021	Güz	BIÇİMSEL DİLLER VE OTOMATA KURAMI	2		92
		BİLGİ SİSTEMLERİ ANALİZ VE TASARIMI	1		55
		VERİ TABANI SİSTEMLERİ	1	1	56
		DERİN ÖĞRENME	1		13
	İlkbahar	ALGORITMA ANALIZI_FINAL	2	1	88
		DERLEYİCİ TASARIM_FINAL	2		93
		MAKİNE ÖĞRENMESİNE GİRİŞ	1	1	45

Not: Açılmışsa, yaz döneminde verilen dersler de tabloya ilave edilecektir.