CURRICULUM VITAE

1. **Name Surname**   : Peri Güneş

2. **Contact Information**

   - **Telephone**   : ---
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3. **Title**   : Assist. Prof. Dr.

4. **Education**   : PhD.

Degree	Field	University	Year
Bachelor	Computer Engineering	Azad Tabriz University	2003
Master	Information Technology Engineering	Iran University of Science & Technology	2012
PhD.	Electrical and Electronics Engineering	İstanbul Üniversitesi	2020

5. **Academic Titles**

   Instructor: Computer Engineering, Faculty of Engineering, Rabe Rashid University of Tabriz, Iran. 2004– 2008

   Instructor: Computer Engineering, Faculty of Engineering, Azad University of Tabriz- Iran 2008– 2012

   Research Assistant: Electrical and Electronics Engineering, Özyeğin University, İstanbul, 2012– 2015

   Research Assistant: Electrical and Electronics Engineering, İstanbul University, İstanbul, 2015– 2016

   Instructor: Computer Engineering/ Software Engineering, Faculty of Engineering, İstanbul Aydin University, İstanbul, 2016- 2019

6. **Supervised Master's and Doctoral Thises**

   6.1. **Master Thises**

   1- Makine Öğrenmesi Yöntemleri Kullanılarak Atılan Havayolu Twitlerinin Analiz Edilmesi
   2- Makine Öğrenmesi Siniflandirma Algoritmalari Kullanilarak Meme Kanseri Tahmini

6.2. PhD. Thises

7. Publications

7.1. Articles published in international refereed journals

P.Shams, "Effect of Co-Channel Interference on Two-Way Untrustworthy Relay Selection", Wireless Personal Communications (2020).

P. Shams, M. E. Kantarcı, M. Uysal. (2016), 'Markov-based performance analysis of medium access in visible light communications', Transactions on Emerging Telecommunications Technologies. Jan 2016.

7.2. Papers presented in international scientific meetings and published in the proceedings book.

1. P. Shams, P, A. Olamat, A. Jafari, "IEEE 802.15.7 MAC layer Cumulative Network Throughput", 1st West Asian Colloquium on Optical Wireless Communication (WACWC2018), Isfahan, Iran.
2. P. Shams, O. Narmanlioglu, M. Erol-Kantarci and M. Uysal, "Markov-based performance analysis of MAC in visible light communications," 2015 17th International Conference on Transparent Optical Networks (ICTON), Budapest, 2015, pp. 1-4.
3. S. H. Naderi, P. Shams and H. S. Shahhoseini, "Fuzzy-Copeland ranking method to evaluate multi-disjoint paths selection algorithms," 2012 IEEE International Conference on Computer Science and Automation Engineering, Beijing, 2012, pp. 761-764.
4. A.H. Jafari, P.Shams, H. S. Shahhoseini, "A New History Based Network Selection Algorithm in the Wireless Heterogeneous Networks," fourth international conference in the information technology, Iran, 2010.
5. A. Olamat, P. Shams and A. Akan, "Synchronization Analysis of EEG Epilepsy by Visibility Graph Similarity," 2018 Medical Technologies National Congress (TIPTEKNO), Magusa, 2018, pp. 1-4.
6. A. Olamat, P. Shams and A. Akan, "State transfer network of time series based on visibility graph analysis for classifying and prediction of epilepsy seizures," 2017 Medical Technologies National Congress (TIPTEKNO), Trabzon, 2017, pp. 1-4.
7. P. Shams, A.H. Jafari, H. SH. Shahhoseini, 'Fault Management in the IP/MPLS Networks by using Markov Decision Process' 6th Iranian conference on Electrical and Electronics Engineering (ICEEE 2014).
8. P.Shams, A.H.Jafari, H.S. Shahhoseini, "A New Algorithm for Load balancing in the Cloud Using ELECTERE," sixth electrical national conference, Iran, 2014.
9. Reza Shokri Kalan · Gurcu Oz · Parvaneh Shams, 'Energy Consumption Management in Data Center Using Virtualization' Apr 2012.
10. A.H. Jafari, H. S. Shahhoseini, P. Shams, "İmprove Performance of the IP/MPLS Networks by using Markov Decision Process," sixth conference in national electrical engineering, Iran, 2011.

7.3. International books or chapters in books.

Murat Uysal, Çağatay Edemen, Tunçer Baykaş, Elham Sarbazi, Parvaneh Shams, H. Fatih Ugurdag, Hasari Celebi. (2017), IEEE 802.15.7: Visible Light Communication Standard, (Chapter 5), Visible Light Communications Theory and Applications.

7.4. Articles published in national refereed journals

7.5. Proceedings published in the proceedings book presented at national scientific meetings

7.6. Other Publications

8. **Projects**

9. **Administrative Duties**

   - Vice Head of Department: Software Engineering, Faculty of Engineering, İstanbul Aydin University
   - Department manager, Software Engineering, Diba Garan Institute, Iran

10. Memberships of Scientific Organizations

11. Undergraduate and graduate courses given in the last two years

Academic Year	Term	Course Name	Weekly Hours		Number of Students
			Theoretical	Practice	
2019-2020	**Fall**	DATA STRUCTURES	✔	✔	75
		DIGITAL SYSTEMS DESIGN		✔	88
		IMAGE PROCESSING	✔	✔	56
2018-2019	**Spring**	SOFTWARE TOOLS FOR E-E ENGINEERING		✔	51
		MICROPROCESSORS	✔	✔	66
		EMBEDDED SYSTEMS		✔	60
		COMPUTER PROGRAMMING-JAVA		✔	44
2018-2019	**Fall**	DATABASE SYSTEMS		✔	62
		SOFTWARE SAFETY	✔		35
		IMAGE PROCESSING	✔	✔	60
		DIGITAL SYSTEM DESIGN		✔	45
		INTRODUCTION TO COMPUTER ENGINEERING	✔	✔	121
2017-2018	**Spring**	MICROPROCESSORS	✔	✔	66
		SOFTWARE ENGINEERING ORIENTATION		✔	92
		COMPUTER PROGRAMMING- C	✔	✔	37
		EMBEDDED SYSTEMS		✔	44