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### Education

<b>Degree</b>	<b>Department</b>	<b>University</b>	<b>Date</b>
Ph.D.	Informatics	Istanbul University	2016
M.S.	Information Technologies	ISIK University	2012
B.S.	Information Technologies	ISIK University	2010
B.S.	Business Administration	ISIK University	2009

### Academic Titles

<b>Title</b>	<b>University</b>	<b>Date</b>
Assistant Professor	ISIK University	2017

**(A) Books**

- (1) İşte JAVA; Vedat Coskun, **Busra Ozdenizci**, Kerem Ok; ISBN: 978-605-9594-02-8, Papatya Yayıncılık, 364 pages, September 2013
- (2) Near Field Communication (NFC): From Theory to Practice; Vedat Coskun, Kerem Ok, **Busra Ozdenizci**, ISBN: 978-1-1199-7109-2, Wiley Publishing, Hardcover, 390 pages, February 2012.
- (3) Professional NFC Application Development for Android; Vedat Coskun, Kerem Ok, **Busra Ozdenizci**, ISBN: 978-1-1183-8009-3, Wrox Publishing, Paperback, 336 pages, May 2013.
- (4) **Busra Ozdenizci**, “Bilgi Değer Zinciri”, Bilgi Yönetimi: Bilgi Üreticileri, Büyük Veri, İnovasyon ve Kurumsal Zeka, ISBN: 978-605-4220-83-0, Ed. Sevinç Gülseçen, Papatya Yayıncılık, İstanbul, pp. 130-149, March 2016.

**(B) Research Projects**

	Project Name	Institutions	Period	Role
1	Mobile Service Usage Behavior Model of Smartphone Users	TÜBİTAK & Turkcell Technology	01.07.2016 – 30.06.2018	Researcher
2	Secure Element on the Cloud	Ministry of Science, Industry and Technology & Koç Sistem	01.03 2015 – 31.11.2016	PhD Thesis Student
3	Design and Development of Secure Key Exchange Protocol Between Service Provider and User	TÜBİTAK & Turkcell Technology	01.03.2014 – 29.02.2016	Researcher
4	NFC Loyal	Ministry of Science, Industry and Technology & Provus – A Mastercard Company	01.07.2012 – 31.12.2013	Researcher
5	Analysis on NFC Ecosystem, Usability and Secure Elements	BKM (Interbank Card Center)	01.12.2010 – 31.07.2011	Researcher

### (C) SCI-Expanded Journal Publications

- (1) **Busra Ozdenizci**, Kerem Ok, Vedat Coskun; A Tokenization-Based Communication Architecture for HCE-Enabled NFC Services; *Mobile Information Systems*, ISSN: 1574-017X, Volume 2016, Article ID 5046284 (2016).
- (2) Kerem Ok, Vedat Coskun, Siddik Binboga Yarman, Cem Cevikbas, **Busra Ozdenizci**; SIMSec: A Key Exchange Protocol Between SIM Card and Service Provider; *Wireless Personal Communications*, ISSN: 0929-6212, Volume 89, Issue 4, pp. 1371-1390 (August 2016).
- (3) Vedat Coskun, **Busra Ozdenizci**, Kerem Ok; The Survey on Near Field Communication; *SENSORS*, ISSN: 1424-8220, Volume 15, Issue 6, pp. 13348-13405 (June 2015).
- (4) **Busra Ozdenizci**, Vedat Coskun, Kerem Ok; NFC Internal: An Indoor Navigation System; *SENSORS*, ISSN: 1424-8220, Volume 15, Issue 3, pp. 7571-7595 (April 2015).
- (5) Vedat Coskun, **Busra Ozdenizci**, Kerem Ok; A Survey on Near Field Communication (NFC) Technology; *Wireless Personal Communications*, ISSN: 0929-6212, Volume 71, Issue 3, pp. 2259-2294 (August 2013).
- (6) **Busra Ozdenizci**, Kerem Ok, Vedat Coskun; NFC Loyal for Enhancing Loyalty Services Through Near Field Communication; *Wireless Personal Communications*, ISSN: 0929-6212, Volume 68, Issue 4, pp. 1923-1942 (February 2013).
- (7) Kerem Ok, Vedat Coskun, **Busra Ozdenizci**, MNA; A Role-Based Service Level NFC Ecosystem Model; *Wireless Personal Communications*, ISSN: 0929-6212, Volume 68, Issue 3, pp. 811-841 (February 2013).

### (D) Other Journal Publications

- (1) Kerem Ok, Cem Cevikbas, Mohammed Alsadi, **Busra Ozdenizci**, Vedat Coskun, Implementation of a Key Exchange Protocol for Secure Communication between SIMCard and Service Provider, *International Journal of Advanced Computational Engineering and Networking*, ISSN: 2320-2106, Volume-4, Issue-2, Feb.-2016.
- (2) **Busra Ozdenizci**, Kerem Ok, Mohammed Alsadi, Vedat Coskun, Fahri Soylemezgiller; Development of NFC Enabled Loyalty Application: Technical and Business Opportunities; *Academic Journal of Science (AJS)*, 3 (1), pp. 141-149, 2014 (also presented at International Conference for Academic Disciplines, Rome, Italy, 28-31 October 2014).
- (3) **Busra Ozdenizci**, Mohammed Alsadi, Kerem Ok, Vedat Coskun; Classification of NFC Applications in Diverse Service Domains; *International Journal of Computer and Communication Engineering (IJCCCE)*, DOI: 10.7763/IJCCCE.2013.V2.260, Volume 2, No 5, pp. 614-620, September 2013 (also presented at International Conference on Future Computer and Communication (ICFCC), Phuket, Thailand, 26-27 May 2013).
- (4) Mehmet N. Aydin, **Busra Ozdenizci**, Design Science Perspective on NFC Research: Review and Research Agenda, *Journal of Informatica*, 37 (1), pp. 203-218 (2013).
- (5) **Busra Ozdenizci**, Kerem Ok, Mehmet N. Aydin, Vedat Coşkun, Yakın Alan İletişimi Teknolojisi İncelemesi, *BBM Dergisi*, 4 (1), pp. 85-92 (2011).

## (E) International Conference Publications

- (1) **Busra Ozdenizci**, Vedat Coskun, Sevinc Gulsecen, Kerem Ok, A Cloud Based Framework for HCE enabled NFC Services, Proceedings of 64th IIER International Conference, Barcelona, Spain, pp. 11-14, 4 March 2016.
- (2) Kerem Ok, Cem Cevikbas, Mohammed Alsadi, Vedat Coskun, **Busra Ozdenizci**; Discussion of a Key Exchange Protocol Between Un-keyed SIM Card and Service Provider, Proceedings of The 60<sup>th</sup> IIER International Conference, Malacca, Malaysia, pp. 20-22, 15<sup>th</sup> February 2016.
- (3) Kerem Ok, Cem Cevikbas, Mohammed Alsadi, **Busra Ozdenizci**, Vedat Coskun, Implementation of a Key Exchange Protocol for Secure Communication between SIMCard and Service Provider, Academics World 14th International Conference on Management and Information Technology (ICMIT), Bangkok, Thailand, pp. 79-81, 30 December 2015.
- (4) Kerem Ok, Vedat Coskun, Cem Cevikbas, **Busra Ozdenizci**; Design of a Key Exchange Protocol between SIM Card and Service Provider, Proceedings of 23<sup>rd</sup> Telecommunications forum (TELFOR 2015), Belgrade, Serbia, pp. 281-284, 24-26 November 2015.
- (5) **Busra Ozdenizci**, Vedat Coskun, Kerem Ok, Turgay Karlidere, Significance of Tokenization in Promoting Cloud Based Secure Elements, BIC 2015 - Big Data, IoT, and Cloud Computing, Osaka, Japan, pp. 29-40, 23-25 August 2015.
- (6) **Busra Ozdenizci**, Vedat Coskun, Kerem Ok, Turgay Karlidere, A Secure Communication Model for HCE based NFC Services, 3rd International Conference on Creative Technology, Bangkok, Thailand, 19 - 21 August 2015.
- (7) **Busra Ozdenizci**, Kerem Ok, Mohammed Alsadi, Vedat Coskun, Fahri Soylemezciller; Development of NFC Enabled Loyalty Application: Technical and Business Opportunities; presented at International Conference for Academic Disciplines, Rome, Italy, 28-31 October 2014 (*also published in* Technical and Business Opportunities; Academic Journal of Science (AJS), 3 (1), pp. 141-149, 2014.).
- (8) Vedat Coskun, Soylemezciller F., **Busra Ozdenizci**, Kerem Ok; Development and Performance Analysis of Multifunctional City Smart Card System, ICCSSE 2014: International Conference on Computer Science and Software Engineering, pp. 783-786, Rio de Janeiro, Brasil, 27-28 February 2014.
- (9) Vedat Coskun, **Busra Ozdenizci**, Kerem Ok, Mohammed Alsadi; NFC loyal system on the cloud, 7th International Conference on Application of Information and Communication Technologies (AICT), pp. 1-5, Baku, Azerbaijan, 23-25 October 2013.
- (10) Vedat Coskun, **Busra Ozdenizci**, Kerem Ok, Mohammed Alsadi, Fahri Soylemezciller; Design and Development of NFC Enabled Loyalty System; 6th International Conference of Advanced Computer Systems and Networks: Design and Application, Lviv, UKRAINE, pp. 42-45, 16-18 September 2013.
- (11) **Busra Ozdenizci**, Mohammed Alsadi, Kerem Ok, Vedat Coskun; Classification of NFC Applications in Diverse Service Domains; presented at International Conference on Future Computer and Communication (ICFCC), Phuket, Thailand, 26-27 May 2013 (*also published in* International Journal of Computer and Communication Engineering (IJCCE), Volume 2, No 5, pp. 614-620, September 2013).

- (12) Vedat Coskun, **Busra Ozdenizci**, Fahri Soylemezgiller, Murat Kalender; Multifunctional City Smart Card based on M/Chip Advance Technology; The Conference on Web Based Management, Shanghai, CHINA, pp. 469-472, 21-23 September 2012.
- (13) **Busra Ozdenizci**, Kerem Ok, Vedat Coskun, MNA; Development of an Indoor System using NFC Technology; The Fourth International Conference on Information and Computing Science, Phuket Island, Thailand, pp. 11 – 14, 25-27 April 2011.
- (14) **Busra Ozdenizci**, MNA, Vedat Coskun, Kerem Ok; Design Science in NFC Research, IEEE International Conference for Internet Technology and Secured Transactions, pp. 158-163; London, 8-11 November 2010.
- (15) **Busra Ozdenizci**, Vedat Coskun, MNA, Kerem Ok; NFC Loyal: A Beneficial Model to Promote Loyalty on Smart Cards of Mobile Devices; IEEE International Conference for Internet Technology and Secured Transactions, pp. 134-139, London, 8-11 November 2010.
- (16) Kerem Ok, MNA, Vedat Coskun, **Busra Ozdenizci**; Current Benefits and Future Directions of NFC Services; IEEE International Conference on Education and Management Technology, pp. 334-338, Cairo, Egypt, November 2-4, 2010.
- (17) Kerem Ok, MNA, Vedat Coskun, **Busra Ozdenizci**; Exploring Underlying Values of NFC Applications; 2010 International Conf. on Management Technology and Applications (ICMTA 2010), pp. 283-287, Singapore, 10-12 September 2010.
- (18) MNA, **Busra Ozdenizci**, Vedat Coskun, Kerem Ok; NFC Research Framework: A Literature Review and Future Research Directions; Proceedings of the 14th IBIMA Conference on Global Business Transformation through Innovation and Knowledge Management, Istanbul, Turkey, June 23-24, 2010.

### (F) National Conference Publications

- (1) Kerem Ok, Mohammed Alsadi, Vedat Coskun, **Busra Ozdenizci**, Fahri Soylemezgiller; NFC Loyal: NFC Sadakat Sistemi, Bilişim 2013 - 30. Ulusal Bilişim Kurultayı, Ankara, Türkiye, 28-29 November 2013, pp. 221-224.

### (G) Courses Thought

<b>ISIK University</b>	Introduction to Computing
	Information Systems Analysis and Design
	Business Process Engineering
	Strategy, Management and Acquisition of IS
	Java for Information Management
	Web Design and Programming
	Server Side Programming