

ÖZGEÇMİŞ (ÖRNEK FORMAT)

1. Adı Soyadı : Mert Özarar
2. Doğum Tarihi : 7 Ekim 1979
3. Unvanı : Dr. Öğretim Üyesi
4. Öğrenim Durumu : Doktora
5. Çalıştığı Kurum : THK ÜNİVERSİTESİ

Derece	Alan	Üniversite	Yıl
Lisans	ODTÜ	Matematik	2001
Lisans	ODTÜ	Bilgisayar Müh.	2002
Y. Lisans	ODTÜ	Bilgisayar Müh.	2003
Y. Lisans	ODTÜ	Kriptografi	2004
Doktora	ODTÜ	Bilgisayar Müh.	2012

5. Akademik Unvanlar

Yardımcı Doçentlik Tarihi: 16.2.2016

6. Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

Prediction of Protein Subcellular Localization Based on Primary Sequence Data

6.2. Doktora Tezleri

Secure Multiparty Computation via Oblivious Polynomial Evaluation

7. Yayınlar

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

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

- "Prediction of Protein Subcellular Localization Based on Primary Sequence Data", Lecture Notes on Computer Science 2869, pp 611-619, Kasım 2003
- "Secure Multiparty Overall Mean Computation via Oblivious Polynomial Evaluation", International Conference on Security of Information and Networks, Magosa, Cyprus, Mayıs 2007
- "Secure Homogeneous Matrix Algebra via OPE", Proc. of 3rd Information Security and Cryptology Conference", (2008), s.157-163. Ankara, Turkey, Kasım 2007

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

- "Secure Multiparty Computation via Oblivious Polynomial Evaluation", Book Chapter, Theory and Practice of Cryptography Solutions for Secure Information Systems, 2012, IGI Global

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

- "Birincil Dizi Veri Temelli Protein Hücre İçi Yer Belirleme Tahmini", Sinyal İşleme ve İletişim Uygulamaları Konferansı, Kuşadası, Turkey, Nisan 2004
- "Güvenlik Mekanizmalarında Kriptografik Akıllı Kartlar Üzerine", Ulusal Elektronik İmza Sempozyumu, Ankara, Turkey, Aralık 2006
- "Güvenli Elektronik Arşivleme", International Security Conference, ISC Turkey, Ankara, Turkey, Kasım 2007

7.7. Diğer yayınlar

- "Enhancement of Multi-Level Grid File Structure for Fuzzy-Spatial Querying", Technical Report, Computer Eng. Dept., METU, February 2002

8. Projeler

i. QATAR CENTRAL BANK

Project description

Installation of SPIRA time stamp server software, HSM devices and ARNICA digital signature software library to Qatar Central Bank.

Services Provided

On-site installation of software specified by integrating with the related hardware, running of all systems while ensuring the integration with web services, training for both time stamping server and e-signature software library.

Project Start and End Date

The first phase of the project was completed in June 2006. On request of Qatar Central Bank, the software used in the project was updated in October 2010.

ii. E-LIEN

Project Description

The software enables the communication between the Presidency of Revenue Administration and the major banks in Turkey via a common protocol, for sharing the necessary information and documents about the lien operations regarding the public debts of taxpayers.

Services Provided

SEKOYA is a management software that transfers data sent from the Presidency of Revenue Administration to the basic banking system by running the processes determined in the protocol such as electronic signature generation/verification, user access control, encryption/ decryption operations and transferring the packages received from the basic banking system to the Presidency of Revenue Administration through the same processes in terms of security. SEKOYA is a electronic lien software that is designed to handle such requirements. The software also includes detailed inquiry and reporting features for all processes.

Project Start and End Date

The project started in July 2008. The integrations were completed in the banks and the project was put into use in 2009.

iii. E-PROCUREMENT

Project Description

The public procurements made by the Public Procurement Authority (KİK) was planned to bring the situation to be made online on the Internet via Electronic Public Procurement Platform (EKAP). It aims to transfer the information about bank reference letters prepared to EKAP over a secure protocol. The information can be also searched over EKAP by the authorities that bid tenders. In this way, the necessity of submitting the bind bonds and bank reference letters as paper to the authorities by the bidders who made bid over EKAP can be removed.

Services Provided

CEDRA software was developed for transferring data sent from The Public Procurement Authority (KİK) to the basic banking system by running the processes determined in the protocol such as electronic signature generation/verification, user access control, encryption/decryption operations and transferring the packages received from the basic banking system to KİK through the same processes in terms of security. CEDRA is a web service based software, can be easily integrated with the databases including security modules. The software includes detailed inquiry and reporting features for all processes. CEDRA runs integrated with the basic banking system by installing it on the bank IT systems.

Project Start and End Date

The project was started in August 2009 and it was completed in June 2010.

9. İdari Görevler

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler Bilgi Güvenliği Derneği

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	
2018-2019	Güz	Discrete Mathematics	3	0	15
	İlkbahar				
2019-2020	Güz	Formal Languages and Abstract Machines	3	0	40
	Güz	Senior Design Project	2	2	12
	İlkbahar	Introduction To Computer Engineering	3	0	80
	İlkbahar	Senior Design Project	2	2	12