

Kemal Biçakcı

PROF. DR. · SECURITY EXPERT

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Summary

Full professor of Computer Engineering at TOBB University of Economics and Technology, Ankara, Turkey and the co-founder of Securify, a start-up working on cyber security technologies and focused on behavioral biometrics. 20+ years research, teaching and project management experience on security.

Work Experience

Securify Corp.

Ankara, Turkey

CO-FOUNDER

Mar. 2016 - PRESENT

- Manager of the project named "Development of an Authentication System Based on Behavioral Biometrics" funded by TÜBİTAK.
- Led the team in developing the CyFusion module responsible for correlation of security data originating from various sources such as SIEM.
- Doing consultancy work on various security projects.

TOBB University of Economics and Technology

Ankara, Turkey

PROF. DR.

Aug. 2007 - PRESENT

- Project manager of cybersecurity projects on topics such as graphical passwords, user authentication, network security, white-box cryptography, etc.
- Teaching various undergrad and grad level courses.
- Giving consultancy to various security companies including STM, Havelsan, Comodo and various others.
- Advised 5+ PhD and 10+ MS completed thesis on security and networking topics.
- Published research papers on prestigious journals and conferences.

Vrije Universiteit

Amsterdam, The Netherlands

POSTDOC RESEARCHER

Jul. 2004 - Jan. 2006

- Researcher in EU FP6 project named SecurE-Justice.
- Team member of Prof. Tanenbaum's research group.

Middle East Technical University

Ankara, Turkey

RESEARCH ASSISTANT AND INSTRUCTOR

Mar. 2000 - Jul. 2006

- Finished PhD thesis titled On the Efficiency of Authentication Protocols, Digital Signatures and Their Applications in E-Health: A Top-Down Approach, Adviser: Prof. Nazife Baykal.
- Taught various grad level courses.

USC Information Sciences Institute

Los Angeles, USA

GRADUATE RESEARCH ASSISTANT

Aug. 1998 - Mar. 2000

- Implementation of server-assisted signature protocol using OPENSSL library.
- Implementation of one-time digital signature library.
- Participation in the design and definition of the common intrusion detection framework.

Honors & Awards

2018 **2nd Place**, for the BiyoSecure product, TechAnkara 2018

Ankara, Turkey

2006 **Best Thesis Award**, Adviser of MS Thesis of Yusuf Uzunay

Ankara, Turkey

Others

2012-2016 **Committee Member**, TÜBİTAK TEYDEB (Industrial Program) BILTEG (Information Technologies Group)

Turkey

2012 - ? **Member Of Editorial Board**, Computer Standards and Interfaces (Elsevier) Journal

The Netherlands

Publications

Published 20+ journal and 30+ international conference papers.

See my Google Scholar profile for the full list (<https://scholar.google.ca/citations?user=HCTygx4AAAAJ>)