

Lect. CAVIDAN YAKUPOĞLU KARAAĞAÇ

Personal Information

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International Researcher IDs

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Education Information

Doctorate, New Jersey Institute of Technology, College of Computing, Computer Science, United States Of America 2017 - 2022

Postgraduate, Ankara Yildirim Beyazit University, Mühendislik Ve Doğa Bilimleri Fakültesi, Bilgisayar Mühendisliği, Turkey 2014 - 2016

Undergraduate Double Major, TOBB University of Economics and Technology, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2009 - 2013

Undergraduate, TOBB University of Economics and Technology, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 2007 - 2012

Dissertations

Doctorate, PARAMETER SELECTION IN FULLY HOMOMORPHIC ENCRYPTION SCHEMES AND FHE APPLICATIONS, New Jersey Institute of Technology, College of Computing, Computer Science, 2022

Postgraduate, A comparative study of bitcoin and alternative cryptocurrencies , Ankara Yildirim Beyazit University, Mühendislik Ve Doğa Bilimleri Fakültesi, Bilgisayar Mühendisliği, 2016

Academic Titles / Tasks

Research Assistant, Ankara Yildirim Beyazit University, Mühendislik Ve Doğa Bilimleri Fakültesi, Bilgisayar Mühendisliği, 2014 - 2017

Courses

Computer Networks, Undergraduate, 2022 - 2023

Responsible Consumption and Production, Undergraduate, 2022 - 2023

Refereed Congress / Symposium Publications in Proceedings

- I. PREFHE, PREFHE-AES and PREFHE-SGX: Secure Multiparty Computation Protocols from Fully Homomorphic Encryption and Proxy ReEncryption With AES and Intel SGX

Yakupoğlu Karaağaç C.

EAI SecureComm 2022 - 18th EAI International Conference on Security and Privacy in Communication Networks,

Kansas, United States Of America, 17 - 19 October 2022, pp.738-756

II. Towards Efficient FHE Based cPIR Schemes and Their Parameter Selection

Yakupoglu C., Rohloff K.

17th International Conference on Availability, Reliability and Security, ARES 2022, Vienna, Austria, 23 - 26 August 2022

Congress and Symposium Activities

EAI SecureComm 2022 - 18th EAI International Conference on Security and Privacy in Communication Networks, Panelists, Kansas, United States Of America, 2022

The 18th International Conference on Availability, Reliability and Security , Panelists, Vienna, Austria, 2022

Scholarships

YLSY, Ministry of Education, 2017 - 2022