Name: Dr. Menahem Leibowitz   **Date:** Feb 2022

CURRICULUM VITAE

Personal Details

Electronic Address: menahemle@colman.ac.il

Higher Education

A. Undergraduate and Graduate Studies

BSc in computer science, Bar-Ilan University
MSc in computer science, Bar-Ilan University

B. Doctoral Degree and Post-Doctoral Studies

PhD in computer science, Bar-Ilan University

Academic Ranks and Tenure in Institutes of Higher Education

Institution and Department	Rank/Position
College of Management - School of Computer Science	Lecturer
Bar-Ilan University - computer science department	Part-time teacher

Participation in Scholarly Conferences

Active Participation

Name of Conference	Place	Subject of Lecture/Discussion	Role
USENIX Security '19	Santa Clara	No Right to Remain Silent: Isolating Malicious Mixes	Speaker
CANS 2017	Hong Kong	Two Cents for Strong Anonymity: The Anonymous Post-office Protocol	Speaker
STAST '16	Los Angeles	Can Johnny finally encrypt?: evaluating E2E-encryption in popular IM applications	Speaker

Scholarships, Awards and Prizes

Chosen as an outstanding lecturer in the year 2021 at Bar Ilan University
Chosen as an outstanding lecturer in the year 2019 at the College of Management Academic Studies

Teaching

Courses Taught in Recent Years

Course Name	Type: Lecture/Seminar/Workshop/ High Learn Course/Introduction	Degree
Introduction to Communication Networks	Lecture	BSc
Communication Security	Lecture	BSc
Introduction to OOP	Lecture	BSc
Introduction to cyber security	Lecture	BSc
Web application development	Lecture	BSc
Mobile System Programming	Lecture	BSc

Professional Experience

2007 - 2014 Senior software developer at eWave Technologies

PUBLICATIONS

Ph.D. Dissertation
"Anonymous Communication Infrastructure", under the supervision of prof. Amir Herzberg

Articles in Refereed Journals
Published

1. Secure Messaging Authentication Ceremonies Are Broken, 2021.
   Herzberg, A., Leibowitz, H., Seamons, K., Vaziripour, E., Wu, J., & Zappala, D. In IEEE Security & Privacy, vol. 19, no. 2.

Articles in Conference Proceedings
Published
1. MoSS: Modular Security Specifications Framework, 2021.
Herzberg, A., Leibowitz, H., Syta, E., & Wr´otniak, S. Annual International Cryptology Conference (CRYPTO 2021).

2. No right to remain silent: isolating malicious mixes, 2019.
Leibowitz, H., Piotrowska, A. M., Danezis, G., & Herzberg, A. In 28th USENIX Security Symposium (USENIX Security 19).

.3 Two cents for strong anonymity: The anonymous post-office protocol, 2017.
Gelernter, N., Herzberg, A., & Leibowitz, H. In International Conference on Cryptology and Network Security.

Other Publications
Published

1. QuicR: QUIC Resiliency to BW-DoS Attacks, 2020.
Hiba, O., Leibowitz, H., & Herzberg, A. QUIC Privacy and Security (QUIPS) workshop, Feb. 2020, San-Diego.

2. Can Johnny finally encrypt? Evaluating E2E-encryption in popular IM applications, 2016.
Herzberg, A., & Leibowitz, H. In Proceedings of the 6th Workshop on Socio-Technical Aspects in Security and Trust.

Summary of My Research Activities and Future Plans

My research involves various aspects of cyber and network security. In particular, secure and anonymous communication, privacy, key management and usable security.