

# **Dov Shirtz - Curriculum Vitae**

## **Personal details:**

Name: Dov Shirtz  
Address:  
Mobile:  
Email:

## **Education**

### **Academic:**

- Ph.D. Information systems Engineering, Ben-Gurion University.  
Thesis title: Optimizing Information Security Expenditures.  
Supervised by Prof. Yuval Elovici. (2014)
- M.Sc. Business Administration with thesis, Tel-Aviv University.  
Thesis title: A Decision Support System for Software Maintenance in Very Large  
Telecommunication networks. (1989)  
Supervised by Prof. Israel Spiegler.
- B.Sc Mathematics and Computer science, Bar-Ilan university. (1983)

### **Professional:**

- CISSP Certified Information Security Professional.  
CISM Certified Information Security Manager.  
CSQE Certified Software Quality Engineer

## **Professional Experience**

- 2017 - Consultant to international companies and governmental entities, Israeli and abroad, in the arena of Cyber and Information Security.
- 2016 - Consultant to international companies and governmental entities, Israeli and abroad, in the arena of Cyber and Information Security.
- 2014- 2016 DT labs at Ben-Gurion University. Identifying irregular behavior in communication networks based on ML methods.
- 2008- 2013 Bank Hapoalim B.M – SVP (Senior vice president) International IT. Supervision and guidance of all abroad IT centers that the bank operates. Collaboration with the main IT center in Israel.
- 2003- 2008 Bank Hapoalim B.M - SVP of Quality Assurance. Implement modern and advance quality mechanisms, software and quality measures; direct projects how to implement and use them; suggest concepts methods for failure reduction.
- 1996- 2003 Bank Hapoalim B.M – CISO (Chief Information Security Officer). CISO is one of the most challenging jobs in a bank. The CISO is responsible for all the managing activities regarding Cyber and Information Security. He is responsible for protecting the bank against insiders' misbehavior and attempts to attack the bank from the outside.

## **Teaching Experience**

- 2019 - Bar-Ilan University: lecturer of "Introduction to cyber technology".
- 2017 - Netanya academic college: Lecturer of "Audit of Information systems", "information security", "Advanced Topics in Cyber and Information Security", decision making" and "information retrieval".
- 2016 - 2016 Ben Gurion University: Teaching Assistant of "Cognitive Computing".
- 2008 - 2015 Ben Gurion University: Teaching Assistant of "Information security in ICT systems".
- 1988 - 1989 Tel-Aviv University: Teaching Assistant of "Data Communication".

## **Journal Papers**

Puzis, Rami, **Dov Shirtz**, and Yuval Elovici (2014). "A particle swarm model for estimating reliability and scheduling system maintenance." *Enterprise Information Systems* Enterprise Information Systems, Vol. 10(4), 349-377.

**Shirtz, Dov**, and Yuval Elovici (2011). "Optimizing investment decisions in selecting information security remedies." *Information Management & Computer Security*, Vol. 19 (2), 95-112.

## **Papers Published in Conference Proceedings**

Guri, Mordechai, Eyal Shemer, **Dov Shirtz**, and Yuval Elovici (2016). "Personal information leakage during password recovery of internet services." In: Intelligence and Security Informatics Conference (EISIC), 2016 European, pp. 136-139. IEEE.

**Shirtz, Dov**, Z. Bluvband, Y. Elovici, and P. Shoval (2007). "Computer Systems & Information SSR: A Unified Approach for Decision Making." In RAMS'07- Annual Reliability and Maintainability Symposium, pp. 427-433. IEEE.

**Shirtz, Dov**, Michael Kazakov, and Yael Shaham-Gafni (2007). "Adopting model driven development in a large financial organization." In ECMDA-FA - Model Driven Architecture-Foundations and Applications, pp. 172-183. LNCS Vol 4530. Springer.

## **Lectures at Conferences (without proceedings)**

- Nov. 2007 - "Taxonomy of Bugs". Lecture at the 17th International Conference of the Israel Society for Quality.
- Nov. 2006 - "Integrated Reactive and Proactive Cross-Enterprise Management". Lecture at the 16th International Conference of the Israel Society for Quality.