

# Guy Amit - Curriculum Vitae

## Contact details

Email: guy.amit@cs.tau.ac.il

## General

An R&D professional with strong academic background (PhD, Computer-Science) and 14 years of extensive 'hands-on' industrial experience in research and development of algorithms, software and systems utilizing digital signal-processing and machine-learning for a variety of applications.

## Education

### **2004 – 2009:**

**Ph.D.**, The Blavatnik School of Computer Science, Tel-Aviv University.

Title of thesis: Automatic Analysis of Vibro-Acoustic Heart Signals.

Research fields: signal processing, computational learning, cardiovascular physiology, non-invasive cardiac monitoring.

Supervisors: Prof. Nathan Intrator and Prof. Noam Gavriely.

### **1996 - 2001:**

**M.Sc. cum-laude**, The school of Computer Science, Tel-Aviv University.

Title of thesis: Exploring Immune Memory 'In Machina'.

Research fields: computational modeling, immunology.

Supervisors: Prof. Zvia Agur and Prof. Eytan Ruppin

### **1991 - 1994:**

**B.Sc. cum-laude**, Faculty of Computer Science, Technion – Israel Institute of Technology, Haifa.

Awards: President's honor list (1994) and Dean's honor list (1992, 1993).

## Employment experience:

### **8/2006 – Today:**

**Chief technologist and senior R&D engineer, BSP-Biological Signal Processing, Tel-Aviv, Israel.**

Research and development of high-resolution electrocardiogram (ECG) technologies for diagnosis and monitoring of ischemic heart disease.

### **7/2004 – 7/2006:**

**Algorithm researcher, Intel-Corporate Technology Group, Petach-Tikva, Israel.**

Research of video and image processing algorithms for multi-core processor architectures.

### **11/2002 – 7/2004:**

**Senior software engineer and team leader, CellGuide, Rehovot, Isreal.**

Design and development of software GPS products for application processors of cellular phones.

### **3/2001 – 11/2002:**

**Software team leader, ART-Advanced Recognition Technologies, Tel-Aviv, Israel.**

Development of speech and handwriting recognition products for wireless devices.

### **6/1995 – 2/2001:**

**Software team leader and software engineer, Israeli Navy Computer Center, IDF.**