Nathan Zeldes

16 Bet Hakerem st., Jerusalem 96343, Israel
www.nathanzeldes.com | nathan@nzeldes.com

EDUCATION

1977	MSc in Applied Physics (Electro-Optics), The Hebrew University of Jerusalem
1975	BSc in Physics and Mathematics, The Hebrew University of Jerusalem

EXPERIENCE

2008 - present **Independent consultant and public speaker**

1982 - 2008   **Intel Corporation**

1999 - 2008   **Principal Engineer**, Intel (corporate) IT
- R&D focus on computing productivity, with extended scope inside and outside Intel.
- Created and implemented (in Intel and in other companies) many organizational solutions to Email Overload, achieving a degree of international renown as a thought leader in this space.
- Founded and appointed President of the Information Overload Research Group, an international cross-organizational non-profit interest group.
- Established ITshareNet, an external knowledge sharing site for of productivity solutions.
- Advised numerous software startup companies on product design and positioning.
- Served on the Microsoft Innovation Greenhouse Customer Advisory Council (2005-2006)

1994 - 1998   **Computing Productivity manager**, Israel site IT
- Started up and managed an R&D activity dedicated to understanding and improving user effectiveness.
- Led Intel corporation's adoption of the World wide Web with suitable policies and training.
- Led Intel corporation's characterization and adoption of Telecommuting methodology and policies.

1991 - 1993   **Research and Academic Relations manager**, Israel site
- Started up and managed Intel's External Research and Academic Relations in Israel site.
- Established new processes for managing academic grants, student grants, and extended education.
- Served as Intel sponsor of the HiTec business incubator in Jerusalem.
- Carried out Artificial Neural Networks research, in collaboration with the Hebrew University, Jerusalem.

1984 - 1990   **Quality and Reliability Manager**, Fab 8 wafer fabrication plant, Jerusalem
- Started up and managed Intel's first In-house wafer fab Q&R department (25 people).
- Established new processes for wafer fab Q&R at Intel, notably Process Qualification, Statistical Process Control and Self-audit.

- Played an active role in Intel's adoption of Total Quality (Deming) philosophy and methodology.

1982 - 1984   **Wafer Fab Reliability engineer and Thin Films Process Engineer**
- On the job training in Santa Clara and Livermore, California.

1977 - 1982   Israel Police Criminal Identification Division

Laboratory Officer and Forensic Expert Witness
- Developed new technologies and methodologies for application of Scanning Electron Microscopy and X-Ray Microanalysis to criminal evidence.
- Managed the CID Scanning Electron microscopy laboratory.

SKILLS AND ACTIVITIES

Innovative thinking: ability to identify new, out-of-the-box solutions and systems in a wide range of domains.

+ **Reduction to practice:** ability to flesh out the new ideas and lead their implementation in an organization, including securing management support, supervising solution development, defining supporting procedures, running pilots, developing training, and coordinating deployment.

   Examples:
- Initiated from scratch, and led to worldwide adoption, Intel's Telecommuting program.
- Led Intel's adoption of the World Wide Web with suitable policies, boundaries and training.
- Created and implemented in Intel many organizational solutions to Email Overload, and proliferated them to other companies as well.
- Initiated and led the Virtual Collaboration Research Team, a think tank that created Intel's future vision for distributed productivity environments.
- Started up and managed Intel's External Research and Academic Relations unit in Israel site.

External relations management: ability to initiate, develop and lead collaborations of the organization with external entities.

   Examples:
- Established the cooperation between Intel and the Israel's Ministry of Science, leading universities, Science museums, and a number of K-12 educational organizations.
- Initiated ITshareNet, a knowledge sharing site for IT solutions and research, after recruiting eight corporate and academic entities as "founding members".
- Founded the Industry/Academia cross-organizational Information Overload Research Group.
- Advised and mentored numerous start-up companies in IT space on behalf of Intel.

Teaching / Training skills: widely considered one of the best lecturers in "Intel University", based exclusively on delivery of self-developed material.

Language and communication: Fluent in Hebrew and English, intermediate in French and Italian.

Hobbies: Recreational computer programming; Collecting and evangelizing the History of Computing; Reading, notably Science Fiction and Natural Philosophy.