Maxime Cohen

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Education

Technion - Israel Institute of Technology (IIT)

2006-2009: **Master of Science** in Electrical Engineering. **Final GPA:** 96/100.
Courses in estimation, optimization, signal/image processing, information theory, control and biological signals.
Thesis Supervisor: Prof. Nahum Shimkin.
Specialization: Network Time Synchronization Using Decentralized Kalman Filtering and Distributed Filtering.

2002-2006: **Bachelor of Science** in Aerospace Engineering, Summa Cum Laude. **Final GPA:** 93.5/100.
Completion of several basic courses in the EE department. **GPA:** 98.1/100.

Professional Activities

04/09 to 07/09: **Matrix ABC Capital Markets Ltd** (Israel)
Position: Trader
Specialization: Trading of futures in the short-term interest rate European market (Euirbor).

2008 to present: **Eurolaxo Ltd** (Israel)
Position: Founder and Partner
Field: Private Real Estate investment company.

Teaching Experience

2006-2009: **Technion**
- Teaching Assistant in: *Random Signals, Control Systems and Non-Linear Control Systems* (TA evaluation: 4.4/5).
- Instructor for *Linear Control Lab* course of the Control and Robotics lab in the Technion EE department.
- Supervisor of undergraduate projects.

2008-2009: Teacher of psychometric test prep course for several groups of students with the *Icone Company*.

Other Experience

2008: Technion *Innovation Management* course managed by TIM academic director Prof. Shlomo Maital.

2005: Model Airplane Construction of several UAVs at the aerospace faculty workshop.

2004: Research Project in *Aerodynamics and Biomedical Eng. labs* supervised by Prof. Jacob Cohen.

2001: High Intermediate Level Intensive Integrated Skills English Program, **Harvard University**, Massachusetts.

Honors, Awards and Publications

2006-2008: Technion Scholarship and Excellence Scholarship. **Lady Davis Fellow.**

2007: Winner of Technion's creativity in science and technology competition (2007 most innovative project).

2007: Best student project in the competition of the *47th Israel Annual Conference on Aerospace Sciences.*

2002-2006: **Technion Presidential Honors** in 5 out of 8 semesters and **Dean Honors** in 2 out of 8 semesters.

Conference papers:
1. S. Tsach, L. Ankri, M. Cohen, Y. Ehrlich, T. Goldenberg, H. Levy, I. Regev, A. Vladimirsky, A. Weider, Z. Yossef, "*Sunsailor: Solar Powered UAV*", Proc. 47th Israel Annual Conf. on Aerospace Sciences, Feb. 2007.
2. M. Cohen and N. Shimkin, "*Network Time Synchronization Using a Decentralized Kalman Filtering Framework*", Submitted to American Control Conference, Sept. 2009.

Personal Background

Born on January 5, 1984 in Paris, France. Moved to Israel in August, 1998.

Languages, skills and extracurricular activities

French: native   English: fluent (TOEFL, GRE)   Hebrew: fluent
Programming languages: Matlab, Simulink, Maple, C/C++, C Shell.
Extracurricular activities: Volunteering for non-profit organization "*Dereh' Eretz Kadima*", and sports: Football, Karate, Squash and Tennis.

References upon request