

## Or Cohen - Curriculum Vitae

### CONTACT INFORMATION:

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### EDUCATION:

- Oct. 2007      **WIEZMANN INSTITUTE OF SCIENCE**  
- Present      *Studies Masters in Physics*
- Sept. 2004      **TECHNION, INSTITUTE FOR TECHNOLOGY**  
- Sept. 2007      *B.A. in Physics (3 years programme)*
- Accumulating grade point average of 97.5
  - Head of the Physics Undergraduate Students Council during 2006-2007
- 2002            **OPEN UNIVERSITY**
- Studied 2 courses in physics and mathematics during military service
- 1999            **HADDASIM HIGH SCHOOL**  
*6 years high-school education*
- Majoring in Physics and Chemistry
  - Matriculation grade point average of 96.1

### DISTINCTIONS:

- 2005-2006      Technion President Award for excellence (winter 2005, spring 2005, winter 2006, spring 2006, winter 2007)
- 2003            Navy Commander Award for Creative Thinking
- 1999            Haddasim School Graduation Award for excellence

### ACADEMIC EXPERIENCE:

- Summer 2007      Attended the CERN Summer Students Programme, working for 10 weeks as part of the TMVA project (Toolkit for Multivariate Analysis in ROOT). Programme in C++, adding a few features to the package, mainly the ability to boost several classifiers.

- 2006-2007 Project in Computational Physics, mainly Density Function Theory and Visualization, under the supervision of Dr. Joan Adler (Technion) and Dr. Leeor Kronik (Weizmann Institute).
- 2006 Ulpanat De Shalit, a two weeks summer programme in the Weizmann Institute for undergraduate students. Created a project about Hofstadter's butterfly in a two dimensional hexagonal lattice, under the supervision of Dr. Yuval Oreg (Weizmann Institute).

**PROFESSIONAL EXPERIENCE:**

- 2001-2004 Military Service, as a navy warrior and a trainer. Voluntarily programming a training simulator based on Visual Basic 6.0 which was later rewritten in C# .Net. The simulator won the Navy Commander Award for Creative Thinking.
- 1999-2000,  
2004-2007 Programmer in the Soil Erosion Research Station, Ministry of Agriculture  
Programming research tools in Visual Basic 6.0 and C# .Net :
  - Radar data display and analysis tools
  - Rain data analysis tools (in cooperation with the US Geological Survey)
  - Water Flow analysis and data storage tools
- 1996-1999 Operating the computer centre in the local library in Even Yehuda.

**PROGRAMMING SKILLS:**

- Expert knowledge in C,C++,C# .Net and Visual Basic 6.0, MS Access
- Strong knowledge in Fortran, MATLAB, HTML, Basic, SQL, SQL Server
- Basic knowledge in Mathematica, PHP, Java
- Experience in designing large programming projects

**OTHER SKILLS:**

- Experience in teaching and training
- Experience in organizing projects and activities
- Knowledge in hydrology and meteorology

**LANGUAGES:**

- Hebrew - mother tongue
- English - very good
- French - good
- Italian - fair