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Summary

Completing a **Ph.D in Physics**, with expertise in quantum mechanics, nonlinear physics and interferometry.
8200 alumnus with a high technical orientation, analytical thinking and background in **programming and simulations**.

Education

2007-now Ph.D in Theoretical Physics, Hebrew University. Semiclassical physics, Cold atoms.
2003-2005 M.Sc in Theoretical Physics, Hebrew University. Condensed matter. Grade: 91.85
2000-2002 B.Sc in Physics and Mathematics. Grade: 87.23

Courses
2011 Technical analysis trading at Cashflow.
2005 Workshops on financial markets and real-estate at Mati-Jerusalem.

Experience

2007-2012 **Research assistant in The Hebrew University**
- Theoretical research of dynamical systems at the semiclassical limit.
- Quamtum optics systems and cold atoms.
- Usage of various analytical tools as well as simulations in Matlab and Fortran.

2003-2011 **Teaching assistant at The Hebrew University**
- Mechanics and special relativity, electromagnetism, optics, advanced lab.
- Administration of E-learning systems.
- In charge of tutors and graders staff.

Exercise grader at Hadassa College
- Internet programming and Java, Algebraic structures.

Scientific editing at Magnes Press
- Text editing in mathematical peer reviewed journals.

1998-1999 **Field engineer (Post Sale) at VocalTec**
A pioneering company for VOIP solutions.
- Hardware and software installation of VOIP systems, providing on-site solutions.
- Customer trainings and helpdesk.
- Working with private customers, local businesses and major telecom corps.
- Protocols: H.323, ISDN, SS7, TCP/IP.

Skills & Expertise

Languages/Tools: Matlab, Mathematica, C++, Python
Other: HTML
OFFICE: MS-Office, LaTeX   **OS:** Windows, Linux

Army

1995-1998 **Technician at the Army Intelligence (8200)**. Full service, Staff Sergent.
Administration and installation of
- Telephony systems.
- Computers networks, WAN, LAN, T1, TCP/IP.
- RF systems, Antennas.

Languages

Hebrew: Native.   **English:** Fluent.