Uri London  | 050-638-5397 | [ulondon@gmail.com](mailto:ulondon@gmail.com)

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.