

Curriculum vitae

Personal Details

Name: Jonathan Avner Rothschild

Place of Birth: Israel

Citizenship: Israeli

Family State: Married + 3

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Education

2006-2011 Studying as a graduate student in the Faculty of Materials, Technion for Ph.D. degree (the direct Ph.D. program) under the supervising of Prof. Moshe Eizenberg. Courses average: 93.4.

2001-2006 Combined studies in the Technion – Israel institute of technology for: B.Sc. in Materials Engineering and B.A. in Physics. Average: 82.6

1993-1995 High school degree in "Hugim", Haifa.

Military Service

1996-2000 Sapper and Intelligence officer, last position at headquarters of a Division.

Teaching Experience (Teaching assistant)

Electronic Materials – 315030 (2006-2010)

Diffusion in Solids – 315051 (2007-2010)

Transformation Kinetics in Solids – 315052 (2007-2010)

Introduction to Materials Engineering 1m – 314533 (2007)

Professional Experience

- 2011- Senior Technologist, Microelectronics Directorate, RD&E Division, RAFAEL Advanced Defense Systems Ltd. The job includes process development in packaging technologies, reliability, and failure analysis.
- 2007-2010 Representative of graduate students in Materials Engineering in the Technion graduate student organization (GSO). In addition, social coordinator of GSO during 2008-2009.
- 2003-2006 Student job in SCD: Research and Development work on Radiometric and electrothermal characterization of thermal sensors. The work included data analysis, using mainly Matlab.
- 2001-2003 Student jobs: Security in "Lev Hamifratz" mall. Aiding in "Perach".

Prizes

- 2009 Shine Scholarship in Materials Engineering
- 2009 Katz Prize in Materials Engineering
- 2008 Shankar Prize in Materials Engineering
- 2007 Sherman Scholarship