

Curriculum Vitae

Personal Information

Name: **Erel Segal Halevi** (Married, 35 years old, born 1975)
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Experience

Professional activity	Educational / Voluntary activity
2011 - today Bar Ilan University - Part-time Research Assistant.	2010 - today Shilo elementary school - assisting children with difficulties.
2010 - 2011 Temple Mount Sifting Project - LAMP Website. Mechon Lev - tutor in Data Structures 2 course. Flakkes - Advisor for performance improvements, LAMP system.	2009 - today Textia - the first WikiGame in the world (AFAIK) - inventor. A multi-player persistent browser-based game, whose data can be edited just like a Wikipedia article.
2007 - 2010 Tros Interactive - co-founder and senior developer in a startup company. Developed an algorithm for calculating trust in a social network (Patent pending), implemented in dating networks such as Meezoog and Pirate Date . PHP+MySQL, automatic test system in Perl.	2007 - today Hebrew Wikisource - the open texts site - system operator and beurocrat. Took part in the team that designed the basic site structure and laid its foundations. Developed templates, scripts, styles and bots that are currently used by many other contributors.
2006 - 2007 Rent a brain - several web related freelance projects: <ul style="list-style-type: none"> VIP Israel - Content management system Meorot - Student management system Adorama - Customer analysis system In parallel: several computer science lessons in high-school 	2004 - today Tanakh Navigation Site - the biggest Israeli site dedicated to Hebrew Bible - founder and webmaster. A content-rich site that includes tens of thousands of classified articles, content management system, user-generated content, and a user system based on Google Friend Connect and Facebook Connect.
1998 - 2004 Military service - IAF - Programming officer and system analyzer: Took part in a team that developed, implemented and maintained statistical algorithms for data fusion in real-time systems. <ul style="list-style-type: none"> The project won the award of the IAF commander. Took part in developing a tutorial course for new team members in the algorithm team. 	2003 Tzeva - Volunteered in teaching elementary school children.
1997 - 1999 Technion - tutor in Discrete Math course.	1994 - today Sgulot Mishley - a commentary on the book of Proverbs - author. Created automatically from web articles using PHP scripts.
	1993 - today Nachat - Tanakh Youth Organization - member, tutor and organizer of Bible Quiz preparation camps. 3rd place in the World Bible Quiz (1993).

Education

2004 - 2006 **Teacher Diploma in Computer Science** - Technion, science education department.

1997 - 1999 **M.Sc. in Computer Science** - Technion, CS department.
Thesis subject: [morphological disambiguation of Hebrew texts](#). Grade: 94. Grade sheet: [page 1](#) , [page 2](#).

1993 - 1997 **B.Sc. in Computer Science, Technion Excellence program.**
 Grade average: 97.2; Grade sheet: [page 1](#) , [page 2](#).

1982 At age 7 ☺, thanks to my science-oriented family, I started programming. Since then, I taught myself **many computer languages and technologies**, including: PERL+Mechanize, Javascript+Jquery, PHP+OOP, SQL+MySQL, C++, MediaWiki, Facebook API, GFC API, Matlab, Visual Basic. I constantly teach myself new languages and technologies as the need arises.

You can see some of my C++ code at <http://ideone.com/erelsgl/algorithms>.

Job preferences: research and innovation or tutoring and documentation department in a large company.