Professional Experience

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3/2013 – now	**BuddyGuards** A startup that I opened with a few partners. I build an Android application connecting home alarm system to a community of neighbors and friends. Development in Java over Android, and GUI programming in Python with QT.
2/2011 – 12/2012	**Infinidat** Senior programmer, RAID system core team. Mainly C++ on Linux, some Python.
11/2002 – 1/2011	**LSI** (formerly StoreAge) Senior programmer, SAN virtualization core team. Developed a highly reliable distributed system. My work included database integration, SCSI over Fibre Channel communication with RAIDs and hosts, CORBA IPC and infrastructure elements. Development in C++ on Windows, vxWorks and Linux.
2/2001 – 9/2002	**Emblaze Systems** Senior programmer, designed and implemented a multimedia application framework for video and audio streaming. C++ on Windows, using DirectShow and ACM/VCM, to capture video/audio, encode/decode media, read and create multimedia files and more. Participated in management system for multiple encoders and content distribution modules, implemented over Dot NET.
1999 – 2000	**MediVision Medical Imaging** Participated in several projects as a programmer: Windows NT driver for image and video acquisition hardware, image processing, design and implementation of user interface.
1998	**Way2Call** Programmer, developing Windows NT driver for a voice over IP product, including TAPI interface.
1993-1997	**e-SIM** Programmer, participating in the development of a prototyping and simulation software for consumer electronics. C++ and Smalltalk on Windows NT, 95 and 3.11.
1992 – 1994	**IDF Air Force Technology Academy** Chief instructor and teacher, high school electronics faculty.

Projects

My open source projects are at my website: grebulon.com/software

Since 2012	[Little Professor](#) – an Android application. A basic math education game for children.
Since 2009	Region Capture addon for IrfanView
Since 2000	Windows explorer addons.
	Visual Studio extensions for developers.

Education: Technion, Electrical engineering 1988-1992