

# Professional Experience

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11/2013 - now

## **Spike**

A startup, developing [Spike](#) – a revolutionary e-mail client that rearranges your e-mail and presents it as a chat. Spike is rich with communication and collaboration features, including: calendar, shared documents, group chats and emails, video conversations and more.

Application development for Android and iOS in a mixed Javascript and native environment (Java for Android, Objective-C and Swift for iOS). Server-side components in Node.js and PHP.

The App in: [PlayStore](#) | [AppleStore](#) | [Web version](#).

3/2013 – 1/2014

## **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. The startup ended.

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](http://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