

## Steven Karas

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<b>OBJECTIVE</b>	A position in the field of software development with special interests in cross platform development, data analysis, and mobile platforms.	
<b>COMPUTER SKILLS</b>	<i>Languages:</i> x86/ARM Assembly, Bash, C/C++, Java, JavaScript, HTML, $\LaTeX$ , Make, Ruby, SQL. <i>Frameworks:</i> Android, Rails <i>Technologies:</i> JNI, GDB <i>Operating Systems:</i> Linux, MacOS X, Windows, Android	
<b>LANGUAGES SPOKEN</b>	<i>English:</i> mother tongue <i>Hebrew:</i> fluent	
<b>EXPERIENCE</b>	<div><div><i>Development Consultant</i> Karas Consulting, Israel I occasionally perform consulting for an extremely limited client base, for projects that are wholly unrelated to my current employment</div><div>October 2013 - Current</div><ul style="list-style-type: none"><li>• Wrote a back office data entry web application for a young startup</li><li>• Built tools to aid development of ETL scripts for a data warehousing project</li><li>• Migrated a series of ETL scripts to Pentaho, improving performance by a factor of 12 and introduced incremental reporting to the organization.</li><li>• Technical lead on Public Sector Information Exchange project in cooperation with the Hebrew University of Jerusalem and Google.</li></ul></div> <div><div><i>Software Engineer</i> Trusteer, Tel Aviv, Israel Mobile R&amp;D team</div><div>July 2012 - October 2013</div><ul style="list-style-type: none"><li>• Maintained existing Android and iOS projects, as well as researching and developing new features for those products.</li><li>• Lead an overhaul of the build system used by the agent teams, shortening build times from 10 minutes on average to 30 seconds on average.</li><li>• Spearheaded creating a cross-referencing source code browser for the combined agent libraries and projects, and assisted in setting up continuous integration for the mobile projects.</li><li>• Created a new product that required intimate knowledge of low level aspects of Android, and touching on all application component types.</li><li>• Authored interteam interface documents</li></ul></div> <div><div><i>Interdisciplinary Center of Herzliyah, Israel</i> Introduction to Computer Science, taught by Prof. Shimon Schocken <i>Teaching Assistant</i></div><div>Fall 2009-12</div><ul style="list-style-type: none"><li>• Taught four weekly recitation sections for 110 students</li><li>• Wrote weekly exercises, midterm and final exams</li><li>• Graded midterm and final exams</li><li>• Recruited and led grading team</li></ul></div>	

*Homework Checker and Supertutor*

- Lead team of 4 graders, assigned and led weekly lab sections
- Developed guidelines for grading assignments
- Answered student questions on online course forum
- Graded weekly assignments of 25 students

*Network Administrator and IT Manager*

2005 - 2008

Israeli Defense Forces, Israel

- Provided on and offsite technical support to a large (500+) user base with a small but highly professional team.

*Database Developer*

2005

Biology Department, Marquette University, Milwaukee, WI

- Migrated Packages Received and Stockroom Asset Tracking systems from a VAX system to an independent server.

*Jr. Network Administrator*

2003 - 2004

Biology Department, Marquette University, Milwaukee, WI

- Provided onsite technical computer support to a small (25-50) user base in a highly heterogeneous environment

**EDUCATION**

*Bachelor of Arts, Computer Science*

Interdisciplinary Center of Herzliyah, Israel June 2011

Computer Science specializing in Computer Games and Interactive Media

**CITIZENSHIP**

American, Israeli

**MILITARY  
SERVICE**

*Sergeant*

2005-2008

Honorable discharge, Israeli Defense Forces

**CODE SAMPLES**

*Github:* <http://github.com/stevenkaras>

Additional samples available on request

**RECOMMENDATIONS** provided upon request