

## Steven Karas

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<b>OBJECTIVE</b>	To continue my education in the field of computer science, with a focus on distributed systems, programming language theory, and practical applications of computer science on business processes	
<b>COMPUTER SKILLS</b>	<i>Languages:</i> x86/ARM Assembly, Bash, C/C++, Java, JavaScript, HTML, $\text{\LaTeX}$ , Make, Python, 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>	<p>Feedio, <a href="http://www.feedio.co">http://www.feedio.co</a> March 2014 - Current Email subscription and analytics platform for authors and content sites <i>Co-Founder</i></p> <ul style="list-style-type: none"><li>• Built a fully featured email subscription system with heuristic anti-spam and anti-abuse policies</li><li>• Built an analytics platform for authors to investigate the reach of their posts</li><li>• Used by 400+ authors for 10k+ subscribers</li></ul> <p>Cogito Systems, October 2015-Current Algotrading fund trading on football betting markets <i>Software Engineer</i></p> <ul style="list-style-type: none"><li>• Maintained a large existing codebase</li><li>• Built new features improving simulation accuracy</li><li>• Built and maintained reporting infrastructure for internal metrics</li><li>• Monitored production trading system during weekly pager duty</li></ul> <p>Apertio (formerly PSIE), Hebrew University, Israel October 2013 - May 2015 <a href="http://psie-staging-ogd.herokuapp.com/yisum">http://psie-staging-ogd.herokuapp.com/yisum</a> A search engine of open government data from all levels of government all around the world <i>Technical Lead</i></p> <ul style="list-style-type: none"><li>• Built crawlers for many common catalog systems (CKAN, RSS, data.json, etc)</li><li>• Built a search engine on top of the collected metadata of all open data</li><li>• Coordinated all technical efforts for the project</li><li>• Managed the technical budget for the project</li></ul>	

Mobile R&D team, Trusteer, Tel Aviv, Israel  
Anti-financial malware security systems  
*Software Engineer*

July 2012 - October 2013

- Maintained existing Android and iOS projects, as well as researching and developing new features for those products.
- Led an overhaul of the build system used by the agent teams, shortening build times from 10 minutes on average to 30 seconds on average.
- 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.
- Created a new product that required intimate knowledge of low level aspects of Android, and touching on all application component types.
- Authored interteam interface documents

Interdisciplinary Center of Herzliyah, Israel

Fall 2009-12

Introduction to Computer Science, taught by Prof. Shimon Schocken

*Teaching Assistant*

- Taught four weekly recitation sections for 110 students
- Wrote weekly exercises, midterm and final exams
- Graded midterm and final exams
- Recruited and led grading team

*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

Israel Defense Forces, Israel

2005 - 2008

*Network Administrator and IT Manager*

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

Biology Department, Marquette University, Milwaukee, WI

2003 - 2005

*Database Developer*

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

*Jr. Network Administrator*

- 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