

# Steven Karas

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**OBJECTIVE** 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

**COMPUTER SKILLS** *Languages:* x86/ARM Assembly, Bash, C/C++, Java, JavaScript, HTML,  $\LaTeX$ , Make, Python, Ruby, SQL.  
*Frameworks:* Android, Rails  
*Technologies:* JNI, GDB, Numpy  
*Operating Systems:* Linux, MacOS X, Windows, Android

**LANGUAGES SPOKEN** *English:* mother tongue  
*Hebrew:* fluent

**EXPERIENCE** Cogito Systems, October 2015-Current  
Algotrading fund trading on football betting markets  
*Software Engineer*

- Maintained a large existing codebase
- Built new features improving simulation accuracy
- Took responsibility for DevOps
- Monitored production trading system during weekly pager duty
- Interviewed new candidates for software engineering positions

Feedio, <http://www.feedio.co> March 2014 - Current  
Email subscription and analytics platform for authors and content sites  
*Co-Founder*

- Built a fully featured email subscription system with heuristic anti-spam and anti-abuse policies
- Built an analytics platform for authors to investigate the reach of their posts
- Used by 400+ authors for 10k+ subscribers

Apertio (formerly PSIE), Hebrew University, Israel October 2013 - May 2015  
<http://apertio.org/>  
A search engine of open government data from all levels of government all around the world  
*Technical Lead*

- Built crawlers for many common catalog systems (CKAN, RSS, data.json, etc)
- Built a search engine on top of the collected metadata of all open data
- Coordinated all technical efforts for the project
- Managed the technical budget for the project

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.

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

*Homework Checker and Supertutor*

- Lead team of 4 graders, assigned and led weekly lab sections
- 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.

## **EDUCATION**

*Master of Science, Computer Science*

Interdisciplinary Center of Herzliyah, Israel; Ongoing

Expected completion 2019

*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*

Honorable discharge, Israeli Defense Forces

2005-2008

## **CODE SAMPLES**

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

Additional samples available on request

## **RECOMMENDATIONS** provided upon request