

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	<i>Languages:</i> x86/ARM Assembly, Bash, C/C++, Java, JavaScript, HTML, \LaTeX , Make, Python, Ruby, SQL. <i>Frameworks:</i> Android, Rails <i>Technologies:</i> JNI, GDB <i>Operating Systems:</i> Linux, MacOS X, Windows, Android	
LANGUAGES SPOKEN	<i>English:</i> mother tongue <i>Hebrew:</i> fluent	
EXPERIENCE	<p>Feedio, http://www.feedio.co March 2014 - Current Email subscription and analytics platform for authors and content sites <i>Co-Founder</i></p> <ul style="list-style-type: none">• 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 <p>Cogito Systems, October 2015-Current Algotrading fund trading on football betting markets <i>Software Engineer</i></p> <ul style="list-style-type: none">• Maintained a large existing codebase• Built new features improving simulation accuracy• Built and maintained reporting infrastructure for internal metrics• Monitored production trading system during weekly pager duty <p>Apertio (formerly PSIE), Hebrew University, Israel October 2013 - May 2015 http://psie-staging-ogd.herokuapp.com/yisum 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">• 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.

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