Steven Karas

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OBJECTIVE

A position in the field of software development with special interests in cross platform development, data analysis, and mobile platforms.

COMPUTER SKILLS

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

LANGUAGES SPOKEN

English: mother tongue
Hebrew: fluent

EXPERIENCE

Development Consultant
Karas Consulting, Israel
I occasionally perform consulting for an extremely limited client base, for projects that are wholly unrelated to my current employment
- Wrote a back office data entry web application for a young startup
- Built tools to aid development of ETL scripts for a data warehousing project
- Migrated a series of ETL scripts to Pentaho, improving performance by a factor of 12 and introduced incremental reporting to the organization.
- Primary developer on Public Sector Information Exchange project in cooperation with the Hebrew University of Jerusalem and Google.

Software Engineer   July 2012-October 2013
Trusteer, Tel Aviv, Israel
Mobile R&D team

- Maintained existing Android and iOS projects, as well as researching and developing new features for those products.
- 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.
- 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

Network Administrator and IT Manager   2005-2008
Israeli Defense Forces, Israel
- Provided on and offsite techinical 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   *Sergeant*   2005-2008
SERVICE   Honorable discharge, Israeli Defense Forces

CODE SAMPLES   *Github:* `http://github.com/stevenkaras`
Additional samples available on request

RECOMMENDATIONS provided upon request