TIKHON JELVIS

1100 Pine St., Menlo Park, CA 94025　　　　　　　　　　　　　　*(650) 391-3532; tikhon@berkeley.edu*

Objective

A summer programming internship, preferably with a focus on web programming, JavaScript and Ajax technologies.

Education

University of California, Berkeley

Bachelor of Science, Electrical Engineering and Computer Sciences, expected May 2014

G.P.A. 3.891

SAT: 2370, Verbal: 800, Math: 770, Writing: 800

Awards

- National Merit Finalist, 2010
- AMC 12 school winner in 2010 with 100.5 points (97.5th percentile in the country).
- Overall math contest school winner, 2010
- Bank of America Certificate for Computer Studies, 2010
- Menlo Atherton Rotary Club Subject Award for Chemistry, 2008 and Computer Science, 2009

Skills

Computer Software

- Linux (OpenSUSE, Ubuntu)
- Windows (XP, Vista, 7)
- Emacs and Eclipse
- Command-line Bash
- SVN

Programming

- Proficient in Java, JavaScript, (x)HTML, CSS and LaTeX
- Familiar with Scheme, elisp, Perl, regular expressions, Haskell and C++
- Experienced in prototype.js, script.aculo.us, jQuery and Java Swing

Other

- Fluent in Russian
- Competitive saber fencer

Experience

Robotics

Worked on programming for FIRST Robotics team 766 (Menlo Atherton High School). Using OOP design and Java, implemented a program to control the robot. Led a small team including several novice programmers. Leveraged a vision-recognition library to find a target with the robot's camera.

Java Physics Simulation

Worked with a group of three other people, including two non-programmers, on a Java Swing application for modeling 2D collisions between polygons. Resulted in a program with about 8500 lines of code and over 40 files.

Maptac Chess

Developed a JavaScript chess game using prototype.js and script.aculo.us. Integrated this with a Chess AI a friend wrote in JavaScript. Released the project under the MIT license on Google Code. It can be found at `code.google.com/p/maptac-chess`.