Kelly Idouchi
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∼ Website: http://kidouchi.github.io/ ∼ Git: https://bitbucket.org/kidouchi ∼

OBJECTIVE
To obtain a position that will utilize my critical problem thinking skills and technical ability as well as provide new challenges and experiences.

EDUCATION
Carnegie Mellon University, GPA: 3.1   **expected May 2015**
Bachelor of Science in Computer Science
Minor: Japanese

Coursework
• Computer Systems • Algorithms • Software Engineering • Data Structures • Functional & Parallel Programming • Web Applications • iOS Mobile Game Development • Distributed Systems

Awards
• Won Bronze in Google BugFest Competition
• Paper published for Workshop on the Economics of Information Security (WEIS) Conference

TECHNOLOGIES
Java, C, Python, Django, Javascript, Perl, SML, HTML, CSS, SQL, Unix

PROFESSIONAL EXPERIENCE
Google - Adwords Navigator Software Engineer Intern   **Summer 2014**
- Implemented navigational workflow in Adwords Frontend to help users add location targets to their ads
- Designed and implemented server side module to reduce navigational workflow latency
- Improved Adwords Navigator Frontend to interact with new server side module
- Implementation technologies included Java, GWT, and Javascript

Carnegie Mellon Collaborative Innovation Center - Research Intern   **Summer 2013**
- Vetted COTS hardware products for malicious firmware vulnerabilities
- Wrote automatic crawler in Perl downloading 1,000+ firmware
- Extracted binary files utilizing binary extraction tool
- Wrote script in Perl searching binary files for vulnerabilities such as private RSA keys and passwords
- Maintained database of vulnerabilities using Postgresql

Carnegie Mellon CyLab - Research Assistant   **Fall 2012 - Winter 2013**
- Published paper (http://www.blaseur.com/papers/financial-final.pdf)
- Received Recognition by the WEIS 2013 Program
- Analyzed privacy practices among financial institutions
- Built web crawler in Perl to retrieve 7,000+ financial privacy notices
- Wrote parser for all standard-format notices into unified CSV spreadsheet
- Visualized common privacy practices
- Evaluated privacy compliance using standard format