

Kelly Idouchi

Perm Addr: Carnegie Mellon University SMC 2316,
Pittsburgh, PA 15289

Tel : (917) 599-8637 (c)

Email: kidouchi@andrew.cmu.edu

Git: <https://bitbucket.org/kidouchi>

GPA: 3.06/4.00

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
B.S. Computer Science

Pittsburgh, PA
May 2015

WORK EXPERIENCE

Google Adwords Navigator

Mountain View, CA

Google 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

Vetting Whole COTS Systems For Malicious Functionality

Pittsburgh, PA

Summer Research Intern

Summer 2013

- Vetted COTS hardware products for 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

Large-Scale Analysis of Financial Disclosures

Pittsburgh, PA

CyLab Research Assistant

Fall 2012 - Winter 2013

- 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
- Received Recognition by the WEIS 2013 Program

QUALIFICATIONS

Proficient: Java, C, Perl, Python, SML | Working Knowledge: x86 Assembly, Javascript, HTML, CSS, SQL