

Ka-shing Chan

A Software Engineer

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Language - Cantonese, English, Mandarin
Hometown - Hong Kong, China

I'm a software engineer who enjoys working under startup cultures. Most of my experiences are web related but I would not tag myself as web engineer, since everything is connected to the Internet now. I prefer working with Python.

Gears

Gears that I use Regularly 960.gs Amazon AWS Django Fabric Git Google jQuery man
MySQL Nginx Python Scrappy Twitter Ubuntu Vim

Gears that I use sometimes... Android SDK C/C++ Celery Facebook SDK iOS SDK JavaSE/EE
MongoDB PHP Redis Ruby SQLite SVN Selenium Twisted

Experience

Software Engineer

November 2010 - Present

Convert Simply

- Joining this startup as its first employee. Led the engineering team to launch a AWS-based solution for managing Facebook Ads. We helped clients reaching their target audiences, customer acquisition, driving online sales, etc. by using in-house conversion tracking solution and Ads optimization rules.
- Another product that I led was a loyalty program for e-commerce store. We launched the program on Shopify as the first milestone. It tightly integrates with the shopping experience on Shopify and helped merchants to drive repeat orders.
- I worked on engineering decisions; code review for peers; application security review; deployment environment setup; web application benchmarking; logging and monitoring setup. Most in Python.

Research Assistant

October 2009 - September 2010

City University of Hong Kong

- This is the position that I held when I was having my post-graduate studies in advanced CS topics. Made publications for learning path modeling, and learning materials creation by web parsing.
- Also, I was responsible for preparing a set of teaching materials and proofs of concept on latest web security issues.

Google Summer of Code - Student

June 2009 - September 2009

Google Inc.

- My first involvement in a open source community, and my first time experience to work remotely. I first worked with the PHP community to come up with a proposal (<http://is.gd/wpZY7H>). Goal: enhance the online editor for PHP docs (<https://edit.php.net>).
- Once my proposal was accepted, I worked accordingly and refactored the javascript and PHP codebase. When I made my hands dirty, I figured out I was not just refactoring but also contributing new features, logics, and modules (see <http://is.gd/8tKh7x>).

Student Ambassador

February 2008 - January 2009

Sun Microsystems, Inc.

- Joining the company's Student Ambassador during my undergraduate studies, having the main responsibility to learn and prompt open source projects and Java related technologies in campus.
- Conducted several tech talks / workshops to introduce Java VM, Java SE6, JavaFX, jMaki, and OpenSolaris to audiences in different universities. As a result, I gathered a group of 30+ members who share common interests in my campus.
- Held a booth to demonstrate features in OpenSolaris to 20+ audiences from the industry in Sun Cert Day 2008 (HK). Hosted Software Freedom Day 2008 (HK) with sponsorships from the company. And, I started involving in open source communities.

Student Intern

September 2007 - June 2008

HSBC

- Joined the Fortune 500 company via the placement program of my university. I was assigned to the team that provides service for oversea ATM server integration. I was involved in testing and bug fixing of the ATM server admin console.
- Another responsibility was the administration of the ATM server maintenance log. I developed a log beautifier that can process the log files with a few clicks. And, I setup a JsWiki for sharing knowledge in firefighting.

Summer Intern

June 2007 - September 2007

JiJiJa, Inc.

- I joined the company as summer intern. The major responsibility was using the Sahi testing suite to create a set of UI regression tests for an AJAX based online forum, which purposed in developing a context-aware Ads delivery engine.
- Another responsibility in the company was developing a simple e-commerce store for product demo, which purposed in demonstrating the Ads delivery engine to potential clients.

Education

MSc Computer Science, Distinction Award

2010

City University of Hong Kong

BSc (Hons) Computer Science, First Class Honours Award

2009

City University of Hong Kong

<http://github.com/mrkschan>, <http://code.google.com/u/mrkschan/>, <http://mrkschan.blogspot.com/search/label/foss>

Reference: Available upon request.