



Caleb Kang

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Introduction

Established web developer, specializing in websites that deal with dynamic content on the frontend (AJAX) and the backend (MySQL). Extensive knowledge of the entire cycle of creating the website, beginning from proof of concept, backend programming, database interfacing, adding template systems, and finally creating graphics and skinning the website.

Summary or Qualifications

- 9 years of experience in developing web interfaces using Javascript, JSON and AJAX.
- Strong background in backend web development using PHP (8 years) and Perl (5 years) with OOP, template systems (Smarty and Template-Toolkit) and database interfacing.
- Solid knowledge of database concepts of transactions, relational database and storing/fetching of serialized data.
- Possess skills to create graphics with Photoshop / Illustrator (11 years), 3D models in Maya (3 years), and dynamic animation with Flash (7 years).
- Spoken languages: English, Korean, Mandarin, Japanese

Technical Expertise

Languages PHP, Perl, Smarty, Template-Toolkit, Javascript, HTML, CSS, XML, Actionscript, Java, Objective-C, C, C++, Visual Basic

Databases MySQL, Postgre SQL, Oracle

Software Photoshop, Illustrator, Maya, Flash, FLEX

Systems Windows, Linux (Redhat, Mandrake, Ubuntu), BSD

Projects

chumpsoft.com

Co-owner of the site. Coded the survey software from scratch, built the website, created the graphics and flash animations.

surveyfactory.com

Co-owner of the site. Coded the survey service from scratch, built the website, created the graphics. This is the new service based version of our previous survey software, with more advanced and robust features for both consumers and corporate offices to utilize.

clockstudios.com

Creator of the Clock Studios site and company for the purposes of selling iPhone / iPod games and applications.

gomokunarabe.com

Creator of the Gomoku Narabe iPhone / iPod Touch game. Utilizes Objective-C, inline C and Cocoa Touch. An iPhone implementation of an ancient connect five style strategic board game. The AI was built by a friend [Tom Kerrigan](#).

monstertyper.com

Creator of the Monster Typer iPhone / iPod Touch game. Utilizes Objective-C, inline C and Cocoa Touch. A dynamic typing game designed to speed up the keyboard use on the iPhone and the iPod Touch.

savethesteak.com

Creator of the Save The Steak iPhone / iPod Touch game. Utilizes Objective-C, inline C and Cocoa Touch. This fun little game utilizes the iPhone's built-in Accelerometer to balance the steak in the middle of the screen while animated dogs will attempt to paw and snatch the steak.

onetextfile.com

Co-owner of the site. This site is an AJAX online notepad, with advanced encryption. Responsible for most of the site minus the encryption code.

eatindenver.com

Creator of the site. Created the restaurant review site from ground up, utilizes advanced MySQL relational databases to efficiently pull out restaurant data.

Irsold.com

Creator of the site. The purpose of the project is to dress up the site to have a professional look.

webpicross.com

Creator of the site. Built this game from scratch, and utilizes AJAX to dynamically interface with MySQL without ever reloading the game page.



minehunt.com

Creator of the site. This is a web version of minesweeper. Utilizes Smarty Tag template system.



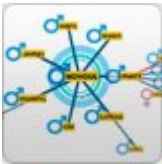
redrocksfitness.com

Creator of the site. This is website for a great exercise and workout group that meets several times a week at the Red Rocks Amphitheatre in Morrison, CO. Utilizes Smarty Tag template system and has a very rudimentary CMS.



[Social Network Flash](#)

Creator of the flash/actionscript project. This flash swf dynamically reads an XML file (seen [here](#)) and generates an interactive social network.



[Facebook Flash Network](#)

Creator of the facebook flash project. This is the evolved social network node system tied to the Facebook REST-API, FBML and FQL. This flash Facebook application dynamically loads and updates the interactive social network, represented through graphic nodes and lines. Utilizes PHP, MySQL, Flash CS3, Actionscript 3.0, Facebook API, FBML and FQL.



[Facebook Gomoku](#)

Creator of the facebook game application. This project heavily uses FBJS to create a dynamic connect 5 game, which reduces significant page loads. Utilizes PHP, MySQL, Facebook API, FBML and FBJS.



[Craigslis Pinger](#)

Creator of FLEX application which searches craigslist periodically for a specific item you are looking for within a price range you specify. This application built under the FLEX 3 Builder environment utilizes MXML and Actionscript 3. The back end interfaces with a PHP script that parses the craigslist results.



[Virtual Iron CMS](#)

Creator of a simple content management system for Virtual Iron, which allows the management team to make changes that affect several different portals across their site to save time, rather than having to make individual identical changes. This application utilizes PHP, MySQL, Smarty tags and just basic Photoshop design work.



highmountainbakery.com

Designer and creator of a small local chicken jerky producer for dogs. A small, clean and yet professional website using a non-conventional design. Rather than a bloated website overloading the user interaction, this site packs all the required information neatly onto less than a few pages.



hunanstaos.com

Designer and creator of a restaurant information site. A quick site for people to check



menu item prices and descriptions, along with directions to the restaurant. This site utilizes PHP, Smarty tags and Photoshop work.

Professional Experience

[Useractive, IL \(O'reilly's School of Technology\)](#)

Web Designer / Course Developer (1998 - 2002)

Originally in charge of creating graphics for the website, moved onto developing PHP, VBScript, and MySQL tutorials, which are still part of the learning lab's syllabus. Additionally, responsible for helping develop and skin the learning lab interface.

[Chumpsoft, CO](#)

Software Programmer / Web Developer (2003 - Present)

Commercialized the survey software [phpQ](#), created while still in college, and began selling it in 2003 with a co-owner.

Education

University of Illinois, Champaign-Urbana, IL

B.S. in Computer Science 2003

<http://hoyoul.com/resume.html>