

# Harrison Weingard

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## Expertise

**LANG** Python, Java, PHP,  
Objective-C, JavaScript

**API** Django, iOS SDK.

**WEB** HTML5, CSS3,  
jQuery, Jo, ExtJS

**DB** MySQL, SQLite,  
PostgreSQL, SQL

**SCRIPT** Bash, BAT, VBS,  
Regular Expressions

**QUANT** Apama-Equivalent

**SYS** OSX, GNU/Linux,  
Windows Server

## Portfolio

**MYSTIE** <http://hrbx.me/>

**REFS** <http://hrbx.me/refs/>  
Passcode: upon request

## Education

**University of Washington - Seattle, WA**  
07/2005 - 06/2011

B.S. Informatics  
2011 Eisenberg Award - *"For outstanding achievement and exemplary leadership in the field of Informatics"*  
Capstone Project Awards - Best Poster/Presentation

**Hong Kong International School - Hong Kong**  
09/2004 - 06/2005

**Cornell University - Ithaca, NY**  
06/2003 - 07/2003

Six week fully-accredited program for High School students.  
CS211 - Data Structures & HE100 - Critical Thinking and Writing

## Work Experience

**Mobicize, Inc - Independent / Mobile Developer - Raleigh, NC**  
06/2011 - Present

Completed an iOS & Android Web App for a large dessert menu company. Dozens of sales reps are using my web app to configure, preview, and order menus which get sent directly to a 3rd party for printing & shipping.

**F5 Networks - Software Test Automation Internship - Seattle, WA**  
03/2011 - 06/2011

Worked on a Django based system which aggregated data from test suites ran against particular builds. Performance was a requirement due to the large size of the databases. Development was done in a clearly defined agile lifecycle.

**University of Washington - Computer Science Tutor - Seattle, WA**  
08/2009 - 03/2011

Helped over 70 students learn various CS topics (Trees, Hashes, Dijkstra, etc), debug their assignments, and enjoy design/development. My impact as the CS tutor was the largest contributing factor for receiving the 2011 Eisenberg Award as it was voted among my peers.

### **TCL Institute - Consultant & General IT - Cary, NC**

06/2010 - 09/2010

Formulated and implemented a migration strategy to an Active-Directory based network. Also, designed a Django-based content management system to help support a future vision of the company with a revamped online presence. My designs for the new system broke down inefficiencies of cross-talk between the departments at TCL (and 3rd parties) and the integration of new processes to create, edit, maintain and publish all of the content. My designs consisted of over 20 user-tested wireframe/interface mockups, a complete entity-relationship database model to support it, and detailed flow charts outlined of all the related business processes involved with handling the content.

### **TCL Institute - Consultant & iOS Developer - Cary, NC**

08/2009 - 09/2009

Designed/built an iPhone application that could facilitate the taking of online Continuing Medical Education programs. The application tied into a backend PHP/MySQL service, which I also created, to manage the profiles and content needed in the app.

### **University of Washington - Student Network Lead - Seattle, WA**

04/2007 - 04/2009

Started as a Help Desk consultant at the Odegaard undergraduate library. Eventually promoted into the IT team. Our small team was responsible for the software configuration, software license maintenance, and imaging process for all STF (Student Technology Fee) machines in a subset of labs. I created a new imaging process to take advantage of PXE boot and customized WinPE images with scripted tools (IRC, VNC, Ghost) so our team could avoid the intensely manual process of our quarterly re-imaging.

### **eBroker Systems - Software Developer Internship - Hong Kong**

06/2006 - 08/2006

Worked on legacy Delphi 5 & 8 projects to add more functionality to some DLLs. Worked on a new GUI in .NET for an ActiveX based web client. Various small projects such as generating PNGs from aggregated data.

### **Kingsway Brokerage - Freelance Project - Hong Kong**

12/2005

Wrote a program to support Opening Range Breakout (ORB) algorithm for proprietary trading of Hang Seng and H-Shares indices on the Hong Kong Futures Exchange. Reads in monthly futures data and back-adjusts to expiration dates.