

Kevin Higgins  
Software and Web Developer

w: Kevin-Higgins.com  
e: kev.higgins@gmail.com  
m: 612.234.1071

### Objective:

To follow a career path that fosters a constant state of learning and exercises creative problem solving. Also, to find new practices and methods to better myself and my work.

### Technical Skills:

PHP  
JSON  
SOAP  
jQuery  
Unit Testing  
Java  
Yii (MVC Framework)  
Python  
Zope (Python Framework)  
Apache 2  
Perl  
HTML  
CSS  
AJAX  
MySQL  
MSSQL  
Subversion  
Git  
Actionscript 3  
BASH scripting

Tomcat 6  
SugarCRM  
Scheme  
Adobe Photoshop  
Adobe Dreamweaver  
Section 508  
WCAG  
XML  
Assembly 68HC11/12 & MIPS  
MPI (C extension)  
OpenOffice/Word  
Linux/Windows XP, 7/OSX  
Constructing Computers  
Natural language processing  
XSL  
Amazon EC2/S3  
Networking  
Wireshark  
C/C++  
VoIP Systems

### Programming Competitions

Worked in teams to divide up and complete a set of programming tasks.

- Digikey Programming contest – 2008
- ACM Programming contest – 2006

### Education:

University of Minnesota  
Duluth/Twin Cities, Dean's List  
Computer Science B.S. 2013

## Employment History:

### **2011-Current US Internet, Minnetonka, MN**

#### **Position: Software/Web Developer**

Primarily worked on a Portal for resellers of US Internet products, the front/back ends of their VoIP system, and resolving customer issues that were escalated to development.

**Languages:** PHP, Yii, JQuery, Blueprint CSS, AJAX, MySQL SOAP, SugarCRM

#### **Projects:**

- Created a web portal from the ground up, allowing resellers to place orders for three different services.
- Created IVR to automate paying parking tickets over the phone. PHP, SOAP, VoIP dial-plan
- Created HTTP/S provisioning server for phone configs using DIGEST Authentication
- Created a web tool for cropping/resizing and uploading logos, then pushing the files to our provisioning server to appear on the user's phone. Java, JQuery
- Created customizable web reports for call metrics. Java, MySQL
- Switched NFS mounts over to using an rsync driven method. Java
- Created front-end for call recording system. Java, MySQL, JQuery
- Fixed bugs, and implemented other feature requests

### **2010-Current Freelance Web Design**

#### **Position: Web Developer**

Created websites for clients tailored to their needs. Coding was done while working with a designer for website mockups.

**Languages:** HTML, CSS, Javascript, PHP, Zope

#### **Projects:**

- AcuStaf
- Community for Higher Consciousness
- The Gem Collective

### **2009-2010 AcuStaf, Bloomington, MN**

#### **Position: Software/Web Developer**

Created and debugged code for the front and back ends of the companies time clocking software. Additionally, developed server maintenance programs and assisted customers with technical issues when needed.

**Languages:** HTML, CSS, Javascript, AJAX, MySQL, Zope, C, Perl, Python, BASH

#### **Projects:**

- Created a set of tools for Managing Amazon EC2 instances in Perl
- Created web front end for management system with AJAX
- Converted Amazon server file systems to XFS and implemented automatic real-time backups in Perl. Tied backups into web management interface
- Created alert system in web app to allow admins the ability to automate reports and other system processes and send the output to all alert subscribers used MySQL, AJAX and Python
- Created security ball web overlay to allow admins to set permissions to web components for users based on permission level - Python, AJAX and MySQL
- Worked on C back-end code for time-clocking software
- Various bug fixes for web interfaces and C code
- Added modal windows via jQuery/AJAX to various parts of the time clock web applications