

BILL WEAKLEY

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KEYWORDS

iOS, Objective-C, Cocoa, Android, Java, PHP, CodeIgniter, Ajax/JavaScript, jQuery, jQuery Mobile, JSON, XML, XSLT, Subversion, Git, JDBC/ODBC, MySQL, SQLite, Oracle, Jenkins.

PROFILE

Highly skilled iOS developer with 11 apps I've worked on in the App Store, 4 completed prototype apps for clients, and 2 apps in active development. Knowledgeable in database-driven websites, with over 12 years of experience in PHP and MySQL. Strong Agile communicator.

SKILLS AND EXPERIENCE

IOS/ANDROID DEVELOPER	<ul style="list-style-type: none">• Designed, coded and submitted apps to the App Store and Google Play• Utilized CoreLocation, MapKit, AddressBook, CoreGraphics, Libxml2, MessageUI, AdMob, Google Analytics and SQLite• Enhanced a native iPhone advergaming with Facebook Connect• Hooked in-app data to PHP/MySQL using JSON and XML• Integrated cocos2d scenes and animations with UIKit• Wrote a custom API framework from the ground up• Integrated complex facial recognition algorithms into iOS• Comfortable with iOS and Android SDKs, and Xcode and Eclipse IDEs• Utilized Git and Jenkins for continuous integration on builds• Led and mentored a team of 5 iOS developers• Developed software with Agile/Scrum teams
WEB APP. DEVELOPER	<ul style="list-style-type: none">• Implemented a search engine, realtime server status, online giving and payments, and web-based LDAP• Created numerous PHP/MySQL/Oracle web applications• Integrated legacy code with Zend and CodeIgniter frameworks• Implemented source control using Subversion and Git• Converted Oracle PL/SQL queries to/from XML• Used Web Services with PHP, XML, XSLT and JSON• Crafted technical specifications and user documentation
EMPLOYMENT	<ul style="list-style-type: none">• Senior Mobile Developer Contact Solutions, Inc. • 02-2013 to present

EMPLOYMENT (CONT)	<ul style="list-style-type: none"> • Web App. Developer/Administrator/Web Manager Smith College • 01-2000 to 02-2013 • Web Manager University of Massachusetts, Amherst • 11-1998 to 01-2000 • Programmer/Analyst and Intranet Developer State Farm Insurance Company • 08-1997 to 07-1998
CONSULTING/ CONTRACT	<ul style="list-style-type: none"> • iOS Developer/Android Developer Clarity Software Systems, Inc. • 02-2012 to Present • iOS Developer Rockfish Interactive • 09-2012 to 10-2013 BRIVAS Technologies • 02-2012 to 06-2012 eLongTermCare • 10-2011 to 04-2012 IPAHunter, Inc. • 04-2011 to 07-2011 HitPoint Studios, Inc. • 11-2010 to 02-2011 • iOS Developer/Mobile Web Developer ThinkEducation USA, Inc. • 01-2011 to 12-2012
TRAINING/ BOOKS	<ul style="list-style-type: none"> • Objective-C/Cocoa Bootcamp, Big Nerd Ranch, 4/2008 • iOS Bootcamp, Pragmatic Studio, 12/2010 • Advanced iOS Bootcamp, Big Nerd Ranch, 1/2012 • Modern Windows Programming Bootcamp, Big Nerd Ranch, 5/2013 • Technical Reviewer, <i>iPad and iPhone App Development</i> (2012), ISBN: 978-0-9830669-2-7, URL: https://itunes.apple.com/us/book/ipad-iphone-app-development/id571023793 • Technical Reviewer, <i>iOS Storyboards: An Animated Tour for iPhone and iPad Developers</i> (2013), ISBN: 978-0-9830669-4-1, URL: https://itunes.apple.com/us/book/ios-storyboards/id597698937

EDUCATION

Master of Arts in Professional Writing with specialization in Technical Writing
Illinois State University, Normal, Illinois
Graduated: December 1997

Bachelor of Arts in English with Minor in Writing
Wittenberg University, Springfield, Ohio
Graduated: September 1993

IOS APPLICATIONS

<p>Boston Globe Customer Service (BGCS) Lead Developer (80%)</p> <p>TECHNOLOGIES: AVFoundation CFNetwork CoreLocation CoreGraphics CoreTelephony MobileCoreServices Security SystemConfiguration</p>	<p>https://itunes.apple.com/us/app/boston-globe-customer-service/id842897634</p> <p>The Boston Globe Customer Service app, BGCS, is the first commercial implementation of the MyTime engine described in the CS PrePaid app below. This app utilizes the MyTimeAPI that I wrote to handle all Web Services calls and model creation.</p> <p>Subscribers can report a delivery issue, create a vacation stop, transfer to a live agent by phone, or have an instant message chat with an agent in real time.</p>
<p>CS PrePaid Lead Developer (60%)</p> <p>TECHNOLOGIES: CoreLocation MapKit AddressBook CoreGraphics Libxml2 SBJSON MessageUI WebKit MediaPlayer AudioToolbox Security</p>	<p>https://itunes.apple.com/us/app/cs-prepaid/id722372979</p> <p>CS PrePaid is the first in a suite of customer service apps. This sample app showcases a patent-pending technology which allows a user to begin a support conversation in real-time, stop the conversation, and then resume the conversation at the exact point they stopped, even hours or days later.</p> <p>In addition to the app itself, I wrote a self-contained MyTime API framework, which abstracts and handles all web services calls to our backend servers, and converts object models to/from JSON. This framework allows for rapid application development as part of a larger SDK, and also provides drop-in functionality to clients who want to include a customer service component in their existing app.</p>

IOS APPLICATIONS

<p>Smith Mobile Sole Developer (100%)</p> <p>TECHNOLOGIES: CoreLocation MapKit AddressBook CoreGraphics Libxml2 SBJSON MessageUI SQLite WebKit jQuery/jQuery Mobile</p>	<p>http://itunes.apple.com/us/app/smith-mobile/id554015689</p> <p>Smith Mobile combines SCDirectory and SCDining into a single, modular app, and adds to it a news feed reader, alumnae directory, course catalog, and links to material on iTunesU.</p> <p>The new modular approach allows Smith to quickly and easily integrate new apps into Smith Mobile, whether they're mobile web apps or native apps.</p>
<p>SCDirectory Sole Developer (100%)</p> <p>TECHNOLOGIES: CoreLocation MapKit AddressBook Libxml2 MessageUI SQLite WebKit</p>	<p>http://itunes.apple.com/us/app/scdirectory/id406214838</p> <p>SCDirectory was developed for Smith College, which utilizes web service calls and a SQLite database to present a searchable and up-to-date version of the online directory. Members of the Smith community can log in using their LDAP password, which allows them to view accompanying pictures with each person's information. Users can see a person's office location plotted on an interactive map, and they can call or email the person, as well as add the person to the user's address book.</p>
<p>IPA Hunter Sole Developer (100%)</p> <p>TECHNOLOGIES: SystemConfiguration MessageUI SBJSON CoreGraphics SQLite</p>	<p>http://itunes.apple.com/us/app/ipa-hunter/id445158074</p> <p>IPA Hunter was developed for a client who wanted an easy iOS interface to India Pale Ale reviews he'd been writing and collecting for years. I collected the reviews and created a database to store the reviews, then used web services to periodically update the SQLite database in the app. Users can browse reviews alphabetically, and can mark beers as favorites for easy review later.</p>

IOS APPLICATIONS (CONTINUED)

<p>TeamSnap Developer (10%)</p> <p>TECHNOLOGIES: ASIHTTPRequest SBJSON</p>	<p>http://itunes.apple.com/us/app/teamsnap/id393048976?mt=8</p> <p>TeamSnap is a web and mobile-based management tool for players, teams and leagues. I added features to the existing app to allow for uploading and viewing photos and folders on an iOS device, to bring the iOS features more in line with the web application. I also fix a few bugs and made the app able to enter and return from a background state.</p>
<p>Axe RoP Developer (10%)</p> <p>TECHNOLOGIES: Cocos2d AdMob Google Analytics Facebook Connect</p>	<p>http://itunes.apple.com/us/app/axe-rituals/id405326435</p> <p>Axe Rituals of Power is an adver-game developed for Axe Body Spray by Hitpoint Studios. My role was to integrate Admob and Google Analytics into the game to better track the user experience as they moved through the game. I also created the leaderboards in UIKit and got them to play nicely with Cocos2d views. Lastly, I connected the leaderboards to Facebook and added the ability to interact with and challenge Facebook friends via the game interface.</p>
<p>HAP ID Card Developer (40%)</p> <p>TECHNOLOGIES: QuartzCore ASIHTTPRequest KissXML CoreGraphics</p>	<p>http://itunes.apple.com/us/app/hap-id-card/id522572581?mt=8</p> <p>HAP ID Card allows members of the Health Alliance Plan of Michigan to view, email or fax an exact replica of their insurance ID Card. This project was largely a rebranding of an app template developed by a third party. There was heavy code cleanup and optimization as well. I took over the task of submitting the app to the App Store and managing the developer account.</p>
<p>Amerigroup Mobile Developer (60%)</p> <p>TECHNOLOGIES: QuartzCore ASIHTTPRequest KissXML CoreGraphics</p>	<p>http://itunes.apple.com/us/app/amerigroup-mobile/id540578431?mt=8</p> <p>Amerigroup Mobile allows members of the Amerigroup insurance plan to view, email or fax an exact replica of their insurance ID Card. This rebranding project also required code modifications to accommodate the client's credential system for authentication.</p>

IOS APPLICATIONS (CONTINUED)

<p>SCProject Sole Developer (100%)</p> <p>TECHNOLOGIES: CoreGraphics SBJSON</p>	<p>SCProject is an internal iPad-only app for the Smith College Administrative Technology (AT) department. It uses web services to interact with a MySQL database on the Smith web server, and allows staff members to quickly view all projects by who is assigned to the project, project status, or project name. Staff can also create, edit and delete projects from within the app.</p>
<p>CIC Sole Developer (100%)</p> <p>TECHNOLOGIES: Storyboards QuartzCore SBJSON SQLite</p>	<p>CIC (Change in Condition) is a prototype iPad app I was hired to develop for a fledgling medical startup. The app uses web services to populate a decision tree on-the-fly, making it easy to update the content without needing to update the app. The founder plans to use this prototype to raise funding, and CIC will become part of a suite of tools designed to optimize how caregivers make critical medical decisions.</p>
<p>BRIVAS Sole Developer (100%)</p> <p>TECHNOLOGIES: CoreVideo CoreMedia CoreImage ImageIO AudioToolbox AVFoundation AssetsLibrary SystemConfiguration ASIHTTPRequest OpenCV-iOS</p>	<p>The BRIVAS app is a prototype iOS app I developed for a biometric identification and authentication startup. In its current form, the app uses Apple's face detection algorithms to detect faces in photographs as they are taken. For the next iteration, the company plans to use OpenCV for iOS and eigenvectors for better face detection and recognition, and then develop a proprietary algorithm to prevent duplication and false-positives in the recognition process.</p> <p>The company uses this iOS app prototype in their pitch meetings, and are close to securing second-round funding.</p>

IOS APPLICATIONS (CONTINUED)

<p>SEMBLEE Developer (10%)</p> <p>TECHNOLOGIES: QuartzCore JSONKit SQLite Facebook Connect Twitter+OAuth MessageUI</p>	<p>https://itunes.apple.com/us/app/semblee-your-news-shopping/id599079846?ls=1&mt=8</p> <p>SEMBLEE allows users to access all their social networks and other web-based accounts in one place, with the ability to share text, pictures, news and videos with individuals or groups, all from within the app.</p> <p>My role was to make some final tweaks and additions to the code and functionality prior to submission to the App Store.</p>
<p>Summit Title Sole Developer (100%)</p> <p>TECHNOLOGIES: Storyboards QuartzCore Facebook SDK Core Data</p>	<p>Summit Title is a native iOS 7 app I am developing for Summit Title Services Corporation. The app features a modern user interface, and provides tools for determining Cash to Close, Cash to Seller, saving and viewing Closing Disclosures, and sharing via Facebook.</p>

ANDROID APPLICATIONS

<p>HAP ID Card Developer (40%)</p> <p>TECHNOLOGIES: android.graphics android.net android.webkit java.io java.net java.util javax.xml.parsers org.apache.http org.xml.sax</p>	<p>https://play.google.com/store/apps/details?id=com.clarity.hapidcard</p> <p>HAP ID Card allows members of the Health Alliance Plan of Michigan to view, email or fax an exact replica of their insurance ID Card. This project mirrored the iOS app, and was a rebranding of an app template. There was significant code cleanup and optimization as well. I took over the task of submitting the app to Google Play and managing the developer account.</p>
<p>Amerigroup Mobile Developer (60%)</p> <p>TECHNOLOGIES: android.graphics android.net android.webkit java.io java.net java.util javax.xml.parsers org.apache.http org.xml.sax</p>	<p>https://play.google.com/store/apps/details?id=com.amerigroup.android</p> <p>Amerigroup Mobile allows members of the Amerigroup insurance plan to view, email or fax an exact replica of their insurance ID Card. This rebranding project mirrored the iOS app, and also required code modifications to accommodate the client's credential system for authentication.</p>

MOBILE WEB APPLICATIONS

<p>ThinkEdu Sole Developer (100%)</p> <p>TECHNOLOGIES: jQuery jQuery Mobile HTML5</p>	<p>http://m.thinkeducationusa.com</p> <p>The ThinkEdu mobile website was designed to complement the existing desktop site and to mirror the functionality of the existing native iOS app. A unique feature of the mobile app is that it utilizes HTML5 local storage to store a user's contact information once, then recall it automatically to send to each college the user has selected.</p>
<p>Commercial News Sole Developer (100%)</p> <p>TECHNOLOGIES: jQuery jQuery Mobile CodeIgniter</p>	<p>http://www.thinkglobal.us/index.php?v=true</p> <p>Commercial News was another existing desktop site which was redesigned using the CodeIgniter PHP framework. I utilized the existing data models and controllers with minor tweaks, and concentrated on designing the views using jQuery Mobile. I also integrated the CodeIgniter sessions class with PHP sessions, allowing the user to seamlessly switch between the desktop and mobile websites.</p>