

Joshua Wertheim

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Education

- **San José State University** **San José, CA**
College of Science, B.S. Computer Science *2011 – Present*
 - Relevant courses: Mobile Device Development (Android, iOS, HTML5), Object-Oriented Design, Introduction to Computer Systems, Computer Architecture, Computer Science Technical Writing
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Experience

- **San José State University, College of International and Extended Studies** **San José, CA**
Student Assistant, Marketing and Communications *2011 – Present*
 - Build internal web application using JQuery Mobile and HTML5 for vast array of categorized content.
 - Design and implement new suite of mobile websites with HTML5 and CSS.
 - Maintain rich, dynamic websites in the University's modern OU Campus Content Management System by working around significant technical limitations, developing a process to allow more engaging user content such as embedded Youtube videos and Javascript, and providing technical support.
 - Provide technical support for various teams in the College by setting up Skype and other useful programs.
 - Managed a WordPress-based newsletter website.
 - **Cinequest iOS Application** <https://github.com/lucaseverini/Cinequest-iOS>
Member of Development Team *Fall 2013*
 - Responsible for bringing current Cinequest app for iOS platform up to modern standards.
 - Implement search and other relevant algorithms in the list of films for "search as you type" functionality.
 - **Wertheim Interactive Studios** **Daly City, CA**
iOS Developer & Manager *2008 – 2010*
 - Utilized Objective-C and the iOS SDK to develop "The Story of Passover" for the App Store.
 - The app was downloaded thousands of times and included small embellishments to improve the user experience, such as contextual image relationships related to the provided content.
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Personal Projects

- **IRC bot - "Sandlotbot"** <https://github.com/joshwertheim/sandlotbot>
 - Successfully wrote parser that downloads several obscure JSON feeds from the Major League Baseball websites
 - Set up command-parser system to query downloaded data for particular subsets of information
 - Became familiar with hosting Sandlotbot on an OpenBSD shell; planning to add crontab support
 - **PlaybackNotifier** <https://github.com/joshwertheim/PlaybackNotifier>
 - Built system-based notifications for currently playing iTunes track or file.
 - Decided to take the application further by adding support for Spotify.
 - Planning to support Rdio and other media players.
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Core Technical Skills

Languages: Java, Python, Objective-C, C, HTML, CSS, Javascript

Technologies: Git, GitHub, Google App Engine, Xcode, Eclipse, JQuery, WordPress, Apache, Unix, Agile Methodology, Scrum, iOS SDK