

Tyler Hoffman

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Objective	Pursuing a role as an Software Engineer, ideally in the embedded space.	
Experience	Embedded Software Engineer , Pebble, Redwood City, CA	2014 - Present
	<ul style="list-style-type: none">• Implement an on-demand loading and caching system of third party applications and resources• Design and implement new generic key-value store and endpoint for pushing data to the Pebble, which laid the groundwork for Timeline• Manage multiple external releases. Involved triaging bugs, debugging core dumps, submitting fixes, testing, and publishing and verifying releases• Experience with: FreeRTOS, Bluetooth Low Energy, software architecture, continuous integration, unit tests, git	
	Software Engineer Intern , Qualcomm Inc., San Diego, CA	Summer 2013
	<ul style="list-style-type: none">• Update build script to include compiling two Android applications in Perl• Write and test JSON files as input for internal SelfHost testing application• Begin port of an Android service to a native Windows Phone service	
	Software Engineer Intern , Cerner Corporation, Kansas City, KS	Summer 2012
	<ul style="list-style-type: none">• Design, develop, and test multiple features for applications used in hospitals• Gained experience with Java, C++, Eclipse, Visual Studio, and SQL	
Projects	Simon Remote: Application that enables a Pebble to control a Mac. Allows control of music and video players, presentation software, and system settings such as volume. Built using Pebble C, Node.js, and Objective-C.	
	iOS Jailbreak Tweaks: Created multiple iOS Jailbreak tweaks amassing over 50,000 unique downloads. SpotiSearch was submitted to Cydia as a paid tweak. SpotDefine and PebbleProfiles were submitted as free and open-source tweaks.	
Education	Purdue University, West Lafayette, IN	May 2014
	B.S. Computer Science	GPA: 3.9/4.0
Leadership Experience	Creator and Lecturer	Fall 2013
	CS190 - Tools	
	<ul style="list-style-type: none">• Write lecture and lab material for an 8 week course covering tools, including Git, vim, Eclipse, Bash, and various UNIX tools• Lead lecture of 250+ students and manage 12 teaching assistants	
	Vice President	2013-2014
	Computer Science Undergraduate Student Board	
	<ul style="list-style-type: none">• Facilitate in the communication between undergraduate students and the adult faculty of the Department of Computer Science• Organize events that include the students, faculty, and corporate partners	
Awards and Recognitions	Runner-Up at HackIllinois for a Pebble application called Clock Purdue Computer Science Outstanding Senior Student Award 2014	