Tyler Hoffman

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Objective   To acquire an internship in the field of software engineering

Education   Purdue University, West Lafayette, IN   May 2014
                     B.S. Computer Science
                     GPA: 3.94/4.00
                     Relevant Coursework: Analysis of Algorithms, Software Engineering, Systems Programming, Computer Architecture, Data Structures

Experience   **Video-Wall Technician,** Purdue University, West Lafayette, IN   2012-Present
                     - Ensure consistent uptime and maintain current hardware
                     - Research and implement new software and hardware features to the video wall

                     Software Engineer, Cerner Corporation, Kansas City, KS   Summer 2012
                     - Design, develop, and thoroughly test multiple features for applications used in hospitals worldwide
                     - Work in small groups to convert requirements documents to working applications.
                     - Gained experience with Java, C++, Eclipse, Visual Studio, JSP, and SQL

                     CS240 Teaching Assistant, Purdue University, West Lafayette, IN   2012
                     - Assist students in creating and testing small C programs during lab sessions
                     - Answer and respond to questions on course website

Projects   **Multi-track Stopwatch:** iPhone app that allows one to create and run any number of stopwatches concurrently and independently. First revision written in Java.

                     Simple C Compiler: A class project that compiled a basic C language into working x86-64 assembly code. The language included math functions, logic, if, for, while, goto, integer, long, and pointers. Used Lex and Yacc.

                     Arduino Alarm Clock: Fully-functional Arduino alarm clock using a 4-digit 7-segment display, push buttons, a speaker, and other components. 500+ lines of code.

Leadership   **Board Member**   2011-Present
Experience   Computer Science Undergraduate Student Board
                     - 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

                     Ambassador   2012-Present
                     Purdue Science Ambassadors
                     - Share personal experiences about Purdue in front of large audiences of prospective students and parents

Technical   **Languages**: Java, C, C++, x86-64 Assembly, Objective-C, Python, Bash
Skills   **Technologies**: OS X, iOS, Android, Eclipse, Visual Studio, SVN, Maven, Arduino

Other   Manage Ubuntu virtual private server running personal website and VPN
                     Ultimate frisbee, running, golf, and cooking