David Hein

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Objective

Seeking an internship that employs engineering design concepts and critical thinking techniques in the computer engineering field and consumer industry

Education

Purdue University, West Lafayette, IN   May 2014
Bachelor of Science in Computer Engineering (BSCmpE)   GPA: 3.50/4.00

Related Coursework

Object-Oriented Software Engineering: Advanced C, Engineering Design, Data Structures and Algorithms, Scripting Languages: Python/Ruby/Bash, Graphical Communication for Engineers, French II

Related Experience

Attero Tech, LLC, Fort Wayne, IN   May 2012 - Present
Firmware Engineering Intern
- Used proficiency in C/C++ to develop firmware for professional and home audio electronic systems
- Created advanced scripting suites to test completed products and execute remote firmware updates
- Worked with a variety of standard and custom networking protocols to facilitate inter-device communication
- Developed PHP/MySQL based web application for managing internal company parts and documents
- Practiced the ability to work independently and to fulfill other necessary roles within a small company.

EPICS: Engineering Products in Community Service)   January 2012 - Present
WISE Team: Web-based Interactive Software Engineering
Project Manager and Team Liaison
- Collaborated with project partners to create abstract design features from unique demands
- Managed licensing and fair use of team projects
- Oversaw project deployments to ensure client satisfaction
- Consulted with project developers on database and software development and LAMP server setups
- Maintained team software documentation standards and conventions

Web Applications Developer   August 2009 - Present
Independent Contractor
- Created unique applications using evolving methods in PHP/MySQL/JavaScript/HTML5/CSS3
- Effectively communicated with international and U.S. clients to efficiently meet project deadlines

Activities and Honors

Chancellor's Scholarship
CEDIA Memorial Scholarship
CEDIA Member and Purdue Representative
ECE Student Society Member