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Xiao He

xiaojunhe.com

EDUCATION

University of Wisconsin-Madison   Expected Spring 2018
B.S. Computer Engineering, B.S. Computer Sciences, GPA 3.7/4.0
- Courses: Database, Algorithm, Computer Architecture, Data Structure, Microprocessor, Machine Organization, Digital System Design And Synthesis

WORK AND ORGANIZATION EXPERIENCE

Kilter, LLC, Madison, WI   June 2016 - Present
Lead Developer
- Designed and developed client website using MVC pattern and OOP with team of four.
- Utilized Bootstrap, Backendless service and various APIs to integrate with other websites.
- Designed relational database structure and implemented object hierarchy retrieval.

Industrial Refrigeration Consortium, Madison, WI   April 2016 - Present
Full Stack PHP Developer
- Refactored legacy code base and improved function maintainability by adding unit tests.
- Redesigned internal management system with Boostrap and improved UI of the platform.
- Developed and maintained all IRC and HVAC&R Center websites and databases.

Fujian Newland Computer CO.,LTD, Fuzhou, China   May - July 2015
IT Intern
- Assisted in hardware development of Point of Sale prototypes using Allegro and PowerPCB.
- Assembled prototype motherboard in first round testing.

Transcend Engineering, Madison, WI   January 2015 - Present
Chief Financial Officer
- Worked with team of eight to raise total prize money of $25,000 for Transcend Madison Innovation Competition.
- Motivated and connected student innovators with Madison area entrepreneurs and mentors.

PROJECTS

Chapter Website - Triangle Fraternity Wisconsin Chapter
- Designed and developed rich and enhanced web pages using PHP, HTML, CSS and jQuery.
- Created a responsive web application integrating Twitter Bootstrap and media queries.

Smart Gym - UW-Madison Internet of Things Lab
- Developed wireless sensors to track activity and provide analytics for gyms activities.
- Completed first module with Arduino YUN, accelerometer and pressure sensor.

SKILLS AND TECHNOLOGIES

- Python, Java, C, C++, PHP, MySQL, HTML, CSS, JavaScript, Bootstrap
- Git, Linux, Apache, Android Studio, Visual Studio, Keil
- Fluent in Chinese