

DAVID HEIN

(260) 433-2785 • dmhein@purdue.edu • <http://davidhe.in>
7209 Wintergreen Drive • Fort Wayne, IN 46814
1403 Oak Court • Lafayette, IN 47905

OBJECTIVE

Seeking a summer internship that employs my experience in IT infrastructure, uniting operations and development to efficiently build and deploy software solutions to customers that are scalable, flexible, and user-friendly in agile markets.

EDUCATION

Purdue University, West Lafayette, IN – *Bachelor of Science in Engineering (BSE)* December 2016
Multidisciplinary Engineering: Software Engineering Management Major GPA: 3.00/4.00
Minor in Organizational Leadership & Supervision, Certificate in Entrepreneurship & Innovation

SKILLS

Software Development C, C++, Python, Ruby, Assembly, SVN, Git, Unit Testing, Agile, Bash, *nix
Web Development JavaScript, HTML, CSS, MongoDB, MySQL, UX Design, Human Factors Engineering
Computer Engineering Microprocessors, RTOS, Embedded Systems, Circuits, PCB Design, Data Structures

EXPERIENCE

Attero Tech, LLC – Fort Wayne, IN May 2012 - December 2014
Software Engineering Intern

- Alleviated office management and expedited hardware development and production time with efficient supplier management through PHP/MySQL based web application resulting in 300% increase in database performance
- Mobilized new Dante product line and managed project documentation and programming conventions
- Conducted research and development on open-source content delivery solutions for residential audio systems
- Developed control software for professional and residential A/V products using C/C++ and Qt Designer
- Created advanced scripting suites to test completed products and execute remote firmware updates

Jimmy John's Enterprises – Lafayette, IN August 2010 - Present
Person-in-Charge

- Employed management and leadership techniques in varying team environments consisting of over 200 employees at 5 area stores in the absence of a store manager
- Established strong foundation in operations management, supervision, training, brand management, and representation in the Lafayette community
- Executed systems and procedures with 100% integrity to set stores up for success by effectively using shift financial data and inventory trends to direct sales projections, waste reduction, profits, staffing needs, and food preparation

ACTIVITIES

Alpha Phi Omega National Service Fraternity – *VP of Finance, Webmaster, Leadership Development Chair, National Conference Chair, Charity and Fundraising Chair* August 2014 - Present
Engineering Projects in Community Service (EPICS) – *Project Manager, Software Archivist* January 2012- Present
Electrical and Computer Engineering (ECE) Student Society – *Member* January 2013 – December 2014

HONORS

Alpha Phi Omega – Alpha Gamma Chapter Service Award December 2015
Purdue University BoilerMake Hack-a-thon – 2nd Place Winner March 2014
Custom Electronic Design & Installation Association (CEDIA) Memorial Scholarship August 2012
Chancellor's Scholarship August 2010