

DAVID HEIN

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OBJECTIVE

Seeking a full-time position that employs my experience in IT infrastructure, uniting operations and development to efficiently build and deploy software solutions that are scalable, socially responsible, 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++, C#, Qt, Python, SVN, Git, Continuous Integration, Testing, DevOps, Agile, Bash, *nix
Web Development	JavaScript, HTML, CSS, Meteor, React.js, MongoDB, MySQL, UX, Human Factors Engineering
Computer Engineering	Microprocessors, Bluetooth, TCP/IP, Test Engineering, Altium Designer, Data Structures

EXPERIENCE

Attero Tech, LLC – Fort Wayne, IN May 2012 - August 2016
Software Engineering Intern

- Developed desktop control software and Android Bluetooth control app for professional and residential A/V products using C/C++ and Qt Designer
- Decreased production test time for entire product line and OEM products by 75% through design and development of test fixtures and automated audio analysis for final unit and PCB manufacturer tests
- Consulting with product manager on solutions to meet Dante AV Network product requirements and roadmap
- Conducted research and development on open-source content delivery solutions for residential audio systems
- Developed firmware for STM32-based design service customer projects along with test, build, and install scripts
- Expedited hardware development and production time with efficient supplier management through PHP/MySQL based web application resulting in 300% increase in database performance

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 to direct sales projections, waste, profits, staffing needs, and food preparation

ACTIVITIES

Alpha Phi Omega National Service Fraternity – *VP of Finance, Webmaster, Leadership* August 2014 - Present
Development Chair, National Conference Chair, Charity and Fundraising Chair
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