

Jordan Colburn

2000 Bradley Ave. Louisville, KY 40217 (270)205-5359

jordancolburn@gmail.com

www.jordancolburn.com

Objective

Seeking an entry-level position working with audio technology to build upon my education and become a contributor

Education

- **University of Louisville** Louisville, KY
Master of Engineering in Electrical Engineering; GPA 3.346 Dec. 2012(Expected)
- **University of Louisville** Louisville, KY
Bachelor of Science in Electrical Engineering; with Honors; GPA:3.24 December 2011

Experience

- **FacilityONE** Louisville, KY
Software Developer May 2012-Present
 - Develop Web Applications to manage facilities, assets and workorders
 - Part of team to develop synchronization between products, allowing the company to add new clients more quickly, increasing revenue possibilities
- **Multimedia Project Consulting** Louisville, KY
Self Employed 2011-Present
 - Hardware/Software
 - Adapting Open Source and DIY projects, Kits, and Software for personal or business use
 - Custom Hardware and Software
 - Equipment Repair
 - Recording/Mixing/Mastering
 - Live Sound Engineer
 - Blog/Website design, New Media Promotion, and Digital Music Distribution
- **University of Louisville-Electrical and Computer Engineering Dept.** Louisville, KY
Grader for ECE 420, Linear Signals and Systems Spring Semester 2012
- **Louisville Gas and Electric-Mill Creek Station** Louisville, KY
Electrical Engineering Co-Op I, II and III 2009-2010
 - 4 Unit Coal fired power plant with a 514 MW capacity
 - Upgraded plant emergency DC batteries and charging system
 - Strong contributor to software upgrade on distributed control system (Honeywell) for major plant processes.
 - Responsible for control system GUI interface consistency and helping validate system integrity before taking online.
 - Developed custom scripts to combine equipment output files to allow data to be analyzed
 - Completed selection of control room equipment taking into account quality, reliability, availability, and budget.
 - Prepared for OSHA safety audits by gaining knowledge of the standards, discovering any potential inconsistencies, creating database communicating any unofficial findings, and validating resolution.

Skills

Programming: Strong Experience: C, PHP, JavaScript, Python, VHDL, Assembly for Motorola 68HC11, LabVIEW, Pure Data, MatLab, HTML, Windows, Mac, Linux. Basic Experience: Processing, Java, Objective C

Digital: Motorola 68HC11, PIC, and Arduino microcontrollers, Xilinx Spartan 3E FPGA

Analog: Active Network Design for Audio Amplifiers and Crossovers, Linear Power Supply Design, Plasma Speaker, Spice Simulation

Activities and Honors

Academic: Grawemeyer Scholar (highest academic scholarship at University of Louisville), ACT Score of 33

Leadership: Eagle Scout, Kentucky Governors Scholar, Speed School Engineering School Leadership Academy 2007