

Jordan Colburn

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

jordancolburn@gmail.com

www.jordancolburn.com

Summary

Obtain an entry level position to grow my knowledge and skills as an electrical engineer

Education

- **University of Louisville** Louisville, KY
Masters of Engineering in Electrical Engineering 2011 – July 2012(Expected)
- **University of Louisville** Louisville, KY
Bachelors of Science in Electrical Engineering; GPA:3.24 2007 – 2011

Experience

- **Multimedia Project Consulting** Louisville, KY
Self Employed 2011-Present
 - Adapting Open Source and DIY projects, Kits and Software for personal or business use
 - Custom Hardware and Software solutions
 - Recording/Mixing/Mastering
 - Live Sound Engineer
 - Equipment Repair
 - Blog/Website design, New Media Promotion and Digital Music Distribution
- **Louisville Gas and Electric-Mill Creek Station** Louisville, KY
Electrical Engineering Co-Op I, II and III 2009-2010
 - Worked on many large upgrade projects with a variety of vendors
 - Assisted in updating plant control systems and programming
 - Responsible for electrical safety audits to meet OSHA regulations
- **Calvert City Country Club** Calvert City, KY
Head Lifeguard Summer 2005-2007
 - Red Cross Certified Lifeguard

Skills

Programming: Strong background in C, VHDL, Assembly for Motorola 68HC11, Pure Data, LabVIEW, MatLab.

Basic Experience in Python, Processing, Java, Objective C, and HTML

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

IC: Hands on experience with MEMS fabrication processes, Fabricated a piezoresistive pressure sensor, Basic knowledge of L-Edit

Activities and Honors

Academic: University of Louisville Grawemeyer Scholar (highest U of L Scholarship), 33 ACT score

Leadership: Eagle Scout, Kentucky Governors Scholar, Speed School Engineering School Leadership Academy 2007, Alto Sax Section leader in both marching and symphonic bands (3 years), Calvert City Council Skatepark Board Member

Activites: Worship Arts Team at Springdale Community Church (Play keyboards and sax, run sound, video director and run cameras), Drum set and piano player for UofL Wesley Foundation, University of Louisville Pep Band (currently) and Marching Band (for two years), 1st Place award in University of Louisville WeRock Movie Competition (wrote and recorded score and helped write/direct/edit video), Louis Armstrong National Jazz Award