Jordan Colburn

jordancolburn@gmail.com
www.jordancolburn.com

`[web version:  address & phone omitted]`

Summary of Qualifications

Motivated Software Developer with experience in both software development and low level hardware design. Proven experience to quickly learn new skills and apply them in a team development environment.

Education

- **University of Louisville** — Louisville, KY
  Master of Engineering in Electrical Engineering; with Honors; GPA 3.35 — *December 2012*
- **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 and analyze facilities, assets and work orders
  - Strong contributor to developing a mobile version of FacilityONE's main product incorporating an automated Python test suite resulting in a large decrease in reported bugs and more developer time spent on new features
  - Part of team to develop synchronization between products, allowing the company to add new clients more quickly, increasing revenue possibilities
  - Initial development for a next generation back end using a distributed Riak key-value store to increase availability and scalability as FacilityONE adds clients

- **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*
  - 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
  - Prepared for OSHA safety audits by gaining knowledge of the standards, discovering any potential inconsistencies, creating a database communicating any unofficial findings, and validating resolution before the official inspection

Skills

Programming: Python, PHP, JavaScript, C, VHDL, Assembly for Motorola 68HC11, LabVIEW, Pure Data, and MatLab on Linux, Mac and Windows development environments

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

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

Academic: Grawemeyer Scholar (highest academic scholarship at University of Louisville)