

Alex Hornbake  
1 Linden Ave Apt #2, Asheville, NC 28801  
404.314.6000  
alex@hornbake.com

**Education** Bachelor of Science, Management Science, May 2005  
Georgia Institute of Technology, Atlanta, GA  
*Major:* Management Science

*Related course work:* business management, business law, economics, product development, information systems, computer science, music technology, marketing, and sales.

### **Skills/Abilities**

- Excellent Communication Skills.
- In Depth knowledge of Microsoft client and server operating systems. Working knowledge of Mac OS X, Linux, and Unix.
- Experience implementing and maintaining various network hardware devices, such as firewalls, routers, switches, print servers, wireless communication devices.
- Experience maintaining and repairing desktop software and hardware.
- Programming, experience in Java, PHP, C++, Perl, S-Plus, Matlab, Max/MSP, and VHDL (Altera Rapid Prototyping Development Board)
- Web and Graphic Design experience in Photoshop, Illustrator, Flash, HTML, and Wordpress (theme development).
- Experience with AutoCad, Google Sketchup, MS Office Suite.
- Database Experience in Access, MySQL, and Filemaker Pro.
- Extensive knowledge of Digital and Analog Sound Recording, Mixing, and Production environments including ProTools, and other MAC and PC DAWs.
- Musician, Electric and Upright Bass.
- Cable and wire assembly (solder, crimp, heatshrink, etc.)

### **Experience**

**Freelance Writer/Blogger**, oDesk.com Community Blog (August 2009 - Present)

- Coordinating and generating content in collaboration with both the Marketing Director and other freelance writers.
- Self-Managed Telecommuter.

**Recording Engineer/Producer**, Freelance and Echo Mountain Recording, Asheville, NC (May 2007 - Present)

- Operate large format Neve and API recording console, Protools HD, and various other audio systems.
- Translate clients creative ideas to technical reality.
- Listening.

**Technology Consultant, Project Manager**, Tarr Technology Consulting, Manhattan, NY (July 2005 - March 2007)

- Design of automation, A/V, computer network, and telephone systems in high end residences.
- Coordinate project details with clients, architects, designers, contractors and various subs.

- Generate proposals and electrical/systems diagrams.
- Manage and train a small team of installers.
- Hands on installation, programming, repair, maintenance and upgrades to client systems.

**Network/Systems Administrator**, Rapid Prototype and Manufacturing Institute (a division of the Georgia Institute of Technology), Atlanta, GA (January 2004 - May 2005)

- Maintain network and computer systems supporting the activities of designing, researching, and building Mechanical Engineering related prototypes.
- Supported specialty (and in some case DOS, or SUN legacy) systems, such as 3d wax printers, and Stereo Lithograph printers.

**Assistant Recording Engineer**, Sonica Recording Studio, Atlanta, GA (May 2003- September 2003)

- Setup and broke down equipment before and after sessions.
- Kept detailed notes on equipment setup, and signal routing.
- Served as a team player, and often took over full duties of the head engineer, balancing artist/producer relations with technical details.

**Computer Programmer**, Cold Spring Harbor Laboratories, Cold Spring Harbor, NY (Summers 2000-2002)

- Worked on Bio-informatics projects in Perl, S-plus, Java, and C++.
- Served as a test user, and wrote multi-processor code for a 16 node Beowulf cluster.
- Developed computer programs to automate traditionally laborious lab experiments, on robotic lab equipment.