Turner Kirk

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OBJECTIVE:

To obtain an entry level job or internship in the audio realm, preferably with a focus on computer programming, marketing, or management, in order to improve my skills in development and innovation

EDUCATION

June, 2008 **Stanford University** Stanford, CA
- M.A. in Music, Science, and Technology at CCRMA

May, 2007 **University of Miami** Coral Gables, FL
- B.S. in Music Engineering Technology
- Minor in Electrical Engineering

WORK EXPERIENCE

Studio Manager

University of Miami Weeks Studio August, 2006 – May, 2007
- Responsible for managing a staff of 8 students
- Liaison between faculty, staff, and students of the Music Engineering program to run and maintain a modern multi-track recording studio and two Windows NT based computer labs
- Create and update needed documents for the studio, tests, rules and regulations, and studio manual

Live Sound Reinforcement First Engineer

University of Miami Recording Services January, 2005 – Present
- Communicate with performers to determine instrumentation and stage layout
- Set up sound reinforcement equipment, sound check, and run sound equipment during performance

Free Lance Bagpiper 1999 – Present
- Contracted to play at weddings, funerals, festivals, and special events
- Competitor in the World Pipe Band Championship Competition in Glasgow, Scotland in 2001 and 2003 with the Sir James McDonald Pipe Band from Portland, Oregon; Attaining 3rd place in Juvenile Pipe Band Champion category in 2003

Technical Skills: Circuit Analysis, Logic Circuitry Design, Programming of BASIC Stamp 2 Microcontrollers using PBASIC Programming Language. C++, MatLab, and MAX/MSP skills. Experienced with ORCAD PSpice, Quartus Programmable Logic Software

Recording and Live Sound Skills: Experienced in using the Euphonix System 5, Yamaha M7CL-48, Yamaha O1V, and Mackie 3204 consoles, Pro Tools, Logic Pro, Reason, Sound Forge, and Vegas software packages. Tracked, mixed, and mastered various rock bands and UM Funk Fusion Ensemble. Largest sound gig included UM's Concert Jazz Band and Jazz Vocal I Groups with 43 inputs and 4 monitor mixes

Projects:

Independent Study – Bagpipe MIDI Controller with RC Car Control

University of Miami January, 2006 – October 2006
- Researched, Designed, and Built a Bagpipe MIDI Controller capable of driving an RC Car
- Learned how to overcome obstacles and problems during the design process in an efficient manner in order to prepare my invention for a strict deadline
- **Won First Place at the 121st AES Convention Student Design Competition (October 2006)**
- **Technical paper accepted to NIME 2007 Conference in New York (June 2007).**

MatLab Distortion GUI Fall 2006 - UM
- Designed and coded a GUI in MatLab capable of demonstrating six different original digital distortions using either a sine tone or guitar sample as an input
- Graphs of distortion I/O and output waveforms displayed on use of each distortion

Acoustics Design Project Spring 2006 - UM
- Designed a modern recording facility and created blueprints using knowledge gained in acoustics class