

James P. Keary

347-765-3499 | jkeary@gmail.com

EDUCATION

New York University, Steinhardt, *Masters of Music in Music Technology*, Dec 2013, GPA 3.43

Thesis: A New Technique for Capturing True Coincidence in Ambisonic Microphone Arrays

Coursework: Digital Signal Theory, Digital Audio Processing, C Programming for Music Technology, Audio Codec Design, 3D Audio, Electronics by Computer Simulation, Advanced Audio Production, Advanced Musical Acoustics, Java Music Systems, Audio for Video, Game Audio, Advanced Orchestration, Computer Music Composition, Music Theory and Aural Skills

Oberlin College, Oberlin, OH, *Bachelor of Arts*, 2006

EMPLOYMENT

Graduate Research Assistant, Sound Designer, *Medical Imaging Sonification Project*, NYU Steinhardt, Feb 2013 - Current

- Sponsored by the NYU-Health and Hospitals Corporation (HHC) Clinical and Translational Science Institute (CTSI), the goal of this research project is to explore sonically the vast data sets yielded from medical imaging technologies such as PET scans, to aid in diagnosing diseases such as Alzheimer's. My chief task involved designing the audio from these complex data sets, using algorithmic composition, computer programming, digital signal processing, psychoacoustics, and 3D audio principles.
- Paper accepted for publication at the upcoming 20th International Conference on Auditory Display (ICAD-2014), June 2014, - *Sonification Method To Enhance the Diagnosis of Dementia*.

Live Sound Engineer, Complete Music Studios, Brooklyn, NY, 2010 – 2011

- Soundboard engineer running live sound for Top 40 performing artists' rehearsals.

Guitar Instructor, New York, NY, 2010 – 2011

- Private instruction in music theory and instrument technique in rock and jazz - beginners to intermediate.

The New-York Historical Society, Museum Education Department, 2006 – 2010

School Programs Associate, 2007 - 2010

- My primary duty was that of database administration: managing the online database, calendar and booking system for all school tours, teacher workshops, and education events. While there, I assisted in a complete overhaul and reorganization of this multifaceted computer system.
- Provided training and technical support to all system users: teachers, educators, and staff members.
- Managed department's high school and college interns.

Floor Manager and School Group Educator, 2006 – 2007

- Supervised the scheduling and training of educators. Acted as department liaison to public groups.
- Developed and led student tours and programs for critically acclaimed exhibitions; *New York Divided* (2006-07), *Grant and Lee in War and Peace* (2008-09), and *Lincoln in New York* (2009-10).

SKILLS

- **Programming Languages:** MATLAB, C, Java, HTML, CSS, JavaScript, Csound, SuperCollider, Pure Data, MIDI, OSC, Unreal Script, Wire, JSyn API, JMSL API, Web Audio API
- **Software:** Logic Pro, Ableton Live, Pro Tools, Audacity, Reaper, FMod, Finale, Sibelius, Unreal Development Kit, Final Cut Studio
- **Live Sound, Post Production and Audio Engineering:** Yamaha, SSL, API consoles, outboard gear, sound reinforcement acoustics, stereo and surround mixing hardware and software, modular synthesis
- **Performer, musician, guitarist, multi-instrumentalist**
- **Songwriter, composer, arranger and orchestrator for TV/video**, see portfolio

ADDENDUM

PUBLICATIONS

- *Sonification Method To Enhance the Diagnosis of Dementia*, K. Friedman, J. Keary, H. Mohanraj, A. Rogniska, International Conference on Auditory Display (ICAD) 2014 New York University Steinhardt, NY, NY, June 2014.
- *A New Technique for Capturing True Coincidence in Ambisonic Microphone Arrays*, Masters Thesis, New York University Steinhardt, NY, NY, January 2014.

ACTIVITIES

- Sept 2009 - Present, commissioned and independent songwriter, composer and producer for musical artists, commercials, and film.
- Sept 2009 – January 2013, member of the New York indie-rock group Miniboone: singer, songwriter, arranger, guitar, keyboard. www.miniboone.com

ACHIEVEMENTS AS AN INDEPENDENT RECORDING ARTIST

- Recorded and released music with Miniboone through an independent label;
 - *MiniBoone* – 12 song eponymous debut Long-Playing Full-Length album, release September 2013
 - *On MiniBoone Mountain* – 4 song Extended-Play Album, release date November 2011
 - *The Other Summer* - 2 song 7 inch Picture Disc Vinyl Record, release date March 2011
 - *Big Changes* - 6 song debut Extended-Play Album, release date February 2010
- 250+ performances; Bonnaroo Music Festival 2011, SXSW 2011, CMJ 2009 through 2012, among other music festivals. Opened for the B 52s, Art Brut and Real Estate. Performed all over the US, at prominent NYC venues including Mercury Lounge, Music Hall of Williamsburg, and Brooklyn Bowl.
- Critical acclaim; *Relix* Magazine's November 2011 issue, *NPR*'s "All Songs Considered", *the Village Voice*, and *L Magazine*'s "8 NYC Bands You Need to Hear for 2010" issue.

ORGANIZATIONS

- Audio Engineering Society, Associate Member, April 2014 - Present.
- SESAC Performance Rights Organization, Songwriter and Music Publisher, Affiliate. February 2010 - Present.
- Miniboone LLC, Founding Member. January 2009 - January 2013.

References available upon request