

ANDREW MADDEN

Audio Technologist & Developer

www.AndrewMadden.com

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(732) 241-8879

EDUCATION & HONORS:

New York University, New York, NY: 2009 - 2011

Master of Music in Music Technology

- GPA: 3.98/4.0
- Honor: Graduate Student of the Year (2010/11)

Ramapo College of New Jersey, Mahwah, NJ: 2007 - 2009

Bachelor of Arts in Music Production

- GPA: 4.0/4.0
- Honor: Top Graduating Music Student

The Recording Workshop, Chillicothe, OH: Summer 2007

Audio Production Certificate

- Honor: George H. Evans Award for Career Drive and Interactive Skills

EXPERIENCE:

New York University, New York, NY:

- *Adjunct Instructor* July 2012 - Present
 - Digital Signal Theory Laboratory
- *Research Asst. to Dr. Agnieszka Roginska*, February 2011 - January 2012
 - 3D/Spatial Audio Processing
 - Analysis of headphone and speaker reproduction
- *Graduate Tutor* September 2010 - November 2011
 - Matlab programming
 - Digital signal theory

Sennheiser Technology & Innovations, San Francisco, CA: March 2012 - June 2012

- *Research Intern*
 - Auditory Scene Analysis
 - Real-time DSP

Lakehouse Music, Asbury Park, NJ: May 2008 - September 2009

- *Assistant Recording Engineer*
 - Managed day-to-day operations of a recording studio/music company
 - Developed and maintained company website

Brookdale Community College, Lincroft, NJ: May 2006 - May 2007

- *Undergraduate Tutor*
 - Math: Remedial through Calculus II

PUBLICATIONS:

- **"Measuring Spectral Directivity of an Electric Guitar Amplifier."**
Dr. Agnieszka Roginska, Alex Case, Andrew Madden, and Jim Anderson.
Audio Engineering Society: 132nd Convention – Budapest, 2012
- **"Multi-Touch Room Expansion Controller for Real-Time Acoustic Gestures."**
Andrew Madden, Pia Blumental, Areti Andreopoulou, Braxton Boren, Shengfeng Hu, Zhengshan Shi, Agnieszka Roginska.
Audio Engineering Society: 131st Convention - New York, 2011

SKILLS:

- Matlab, C/C++, Python, PureData
- Digital Audio Processing, Digital Signal Theory, Psychoacoustics, Acoustics
- Music and Audio Recording/Production: Editing, Mixing, and Mastering