

ANDREW MADDEN

Web-Developer & Audio Technologist
www.AndrewMadden.com
amadden80@gmail.com
(732) 241-8879

TECHNICAL SKILLS:

Web-Development:

Ruby, Ruby on Rails, Sinatra, Javascript, Backbone, HTML, CSS, PostGreSQL

Signal Processing:

Matlab, C/C++, Psychoacoustics, Acoustics

EXPERIENCE:

General Assembly, New York, NY:

WDI Instructor

December 2013 - Present

12-Week Web Development Immersive Course

Developer In Residence/Teaching Assistant

August 2013 - December 2013

New York University, New York, NY:

Adjunct Instructor

July 2012 - Present

Graduate Digital Signal Theory Lecture/Lab

Research Asst. to Dr. Agnieszka Roginska

February 2011 - January 2012

3D/Spatial Audio Processing for headphone and speaker reproduction

Graduate Tutor

September 2010 - November 2011

Matlab programming & digital signal theory

Sennheiser Technology & Innovations, San Francisco, CA:

Research Intern

March 2012 - June 2012

Auditory Scene Analysis & Real-time Signal Processing

Lakehouse Music, Asbury Park, NJ:

Assistant Recording Engineer

May 2008 - September 2009

Managed day-to-day operations and website of a recording studio/music company

Brookdale Community College, Lincroft, NJ:

Undergraduate Tutor

May 2006 - May 2007

Math: Remedial through Calculus II

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

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