

Keenan Hye

Acoustical Engineering graduate student with a passion for audio and acoustics

Education

- **Bachelor of Science in Electrical Engineering with minor in Music Recording** from Northeastern University, Summa Cum Laude graduate of 2016
 - **Final GPA** - 3.86
 - **Notable coursework** - DSP, Communication Systems, Noise and Stochastic Processes
 - **Senior Capstone** - Steerable microphone array system for hearing impaired lecturers.
 - **Honors** - Dean's List all semesters attended. Recipient of the Johnson Scholarship, Dean's Scholarship, and Amelia Peabody Scholarship.
- **Candidate for Master of Engineering in Acoustics** from Pennsylvania State University
 - Full-time student beginning January 9th 2017, expected graduation in 2018

Work and Extracurricular Experience:

- **Bose Corporation** | Jan 2015 - June 2015 (full-time)
As Co-op in Measurements for the Music Industry, I was responsible for designing and testing an adaptive EQ algorithm for portable PA systems. This position allowed me to learn various technical skills, including acoustic measurement techniques, as well as improve my project management and data analysis skills.
- **Draper Laboratory** | Jan 2013 - Jan 2015 (15 months full-time, 8 months part-time)
As Instrumentation Electronics Co-op, I was a valuable team member for two major projects: an in-ear drug delivery system, and a network of distributed accelerometers. A bulk of my work involved designing and testing embedded systems.
- **Get Mastered** | Jan 2016 - Present
I founded my own mastering service, Get Mastered, to apply my technical knowledge of signals and acoustics to my passion for music.
- **NUSound** | Apr 2015- Apr 2016
Member of the executive board of the Northeastern student chapter of ASA
- **Independent Research Project** | Sep 2015 - Present
Independently researching perception of MP3 quality versus encoding bit-rate, intensity, SNR

Technical Skills:

- **Software** - Matlab, C/C++, LabVIEW, various PCB designers, Logic, Pro Tools, Office
- **Hardware** - Acoustic measurement, soldering, electronics design, recording, mixing, mastering
- **Other** - Lead vocalist, guitarist in Yohannes, freelance mastering engineer, engineering tutor