

clemeth louden abercrombie

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experience

- Artec Consultants Inc | New York, New York July 2009–Present
Consultant. Selected Projects:
Montreal Concert Hall, Montreal, Quebec, Canada – Project Manager
ArtsHotel, Zichron-Ya'akov, Israel – Principal Acoustical Consultant
West Kowloon Cultural District, Hong Kong, China – Consultant
Dr. P. Phillips Performing Arts Center, Orlando, Florida, USA – Consultant
- Rensselaer Polytechnic Institute | Troy, New York Aug 2008–June 2009
Graduate Research Assistant, Architectural Acoustics Program, Thesis:
Influence of vibration on the perception of musical instrument performance on various stage constructions
- Daly-Standlee and Associates | Beaverton, Oregon Dec 2005–Sep 2008
Acoustical Engineering Consultant, Selected Projects:
Spirit Mountain Casino, Grand Ronde, Oregon, USA – Principal Acoustical Consultant
Broadway Rose Theater, Tigard, Oregon, USA – Principal Acoustical Consultant
Lake Oswego High School, Lake Oswego, Oregon, USA – Acoustical Consultant
Mining Noise Control, Knife River Corporation, Oregon, USA – Acoustical Consultant
- Foellinger Auditorium | Urbana, Illinois April 2002–Dec 2005
Assistant Production Manager; Sound Engineer
- Freelance Audio Engineer Jan 2001–Present
Live mixing, system design and installation. Clients in Illinois, Oregon and New York.

education

- Rensselaer Polytechnic Institute | Troy, NY
Master of Science in Architectural Acoustics, August 2009, GPA: 4.0/4.0
- University of Illinois at Urbana-Champaign
Bachelor of Science in Systems Engineering, May 2005, GPA: 3.3/4.0

skills and recognition

Publications

- "A method for multimodal auralization of audio-tactile stimuli from acoustic and structural measurements," 127th Convention of the Audio Engineering Society, New York (2009).
"Influence of vibration on the perception of musical instruments for various stage constructions," J. Acoust. Soc. Am. 125, 2484 (2009).
"Improvement of reverberation and sound isolation in a high school music rehearsal facility," J. Acoust. Soc. Am. 122, 3025 (2007).

Awards

- Full Tuition Scholarship and Stipend, Rensselaer Polytechnic Institute
F. Lincoln Merit Award for Engineering Design
Gamma Epsilon, University of Illinois General Engineering Honor Society

Professional Organizations

- Acoustical Society of America, Audio Engineering Society, Institute of Noise Control Engineering

Computer Experience

- MATLAB, AutoCAD, Max/MSP, Pure Data, CATT-Acoustic, EASERA, Google SketchUp, Microsoft Office, Smaart Live, Pro Tools, Adobe Creative Suite