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experience

- Artec Consultants Inc | New York, New York July 2009–Present
Consultant in Acoustics and Theater Planning. Selected Projects:
Montreal Concert Hall, Montreal, Quebec, Canada – Project Manager
King Abdullah II House of Culture & Art, Amman, Jordan – Project Manager
ArtsHotel, Zichron-Ya'akov, Israel – Principal Acoustical Consultant
West Kowloon Cultural District Master Plan, Hong Kong, China – Consultant
- Rensselaer Polytechnic Institute | Troy, New York Aug 2008–June 2009
Graduate Research Assistant, Architectural Acoustics Program,
- 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–July 2009
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 and Presentations

- “Perceptual Dimensions of Stage-Floor Vibration Experienced During a Musical Performance,” Proc. of 129th Convention of the Audio Engineering Soc., San Francisco (2010).
- “Auralization of Audio-Tactile Stimuli from Acoustic and Structural Measurements,” J. Audio Engineering Soc., Vol. 58, No. 10, (2010)
- “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, Smart Live, Pro Tools, Adobe Creative Suite