

CORENTIN BLANCHARD

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Professional French undergraduate with excellent organization skills searching for a paid internship in the United States of America from March to August 2016.

EDUCATION

MS in Vibrations, Acoustics, Sensors – *ENSIM, Université du Maine, France.*

A University Engineering School in three years under the authority of the French Ministry of Education and Research – *Anticipated Graduation : September 2016*

School project: Design and characterization of meta-plates with Acoustic Black Holes.

Relevant Courses

Vibroacoustics

MATLAB

Finite and Border Elements Methods

Advanced Signal Processing

WORK EXPERIENCE

Acoustic Sales Assistant – *West General Acoustics, San José, USA* Jul – Aug 2015

- Redesign of a spreadsheet to perform RT Calculations (Sabine and Eyring).
- Technical drawings (SolidWorks) and recommendation of acoustic treatments.
- Quotations (FileMaker) and Projects Research (BidClerk)
- Participation at InterNoise 2015 in San Francisco.
- Co-organization of Lunch & Learns with Acoustical Consultants and Architects.

School project with Manitou Group: Finding non-empirical methods to estimate what makes an engine acoustically disturbing. *Academic year 2014/15*

- Bibliographical research on psycho-acoustics indicators.
- On-site measurements with binaural headset, microphones and accelerometers.
- 2 MATLAB GUIs to display the indicators and to perform a perceptive survey.
- Design of Experiments to find which setup was the most acoustically pleasant.

Summer Intern – *Crest Schools of English, London, UK*

Jul – Aug 2014

- Managed candidates registration online
- Phoned candidates and took payments over the phone
- Organized and directed social activities with students

LEADERSHIP & ACTIVITY

Acoustics in the US : Created a website with interviews of professionals in acoustics to show my motivation to get an internship. Discovered the acoustics landscape in the USA and used self-taught web technologies (Wordpress, Hangouts, Crowdfunding).

<http://acoustics-in-the-us.com/>

Self-published Author of an e-book sold on Amazon about my former website.

Drummer for 11 years, in a band currently, published a music video on YouTube ($\approx 2,800$ views).

Interested in: Entrepreneurship, Music, New Technologies and ways to connect them.

Involvement in school clubs at ENSIM (Academic year 2014/15):

- School-sized company ruled for and by students: Head of Quality
- Student Union: Head of Communication
- Mentor to a 12th grade to show that higher education is accessible for everyone.