

Yann BAYLE

Address: 11, allée des Peupliers, Appartement 3, 33400 Talence, France
E-mail: yann.bayle@labri.fr
Website: <http://yannbayle.fr>
Phone Number: +33 646 152 167

Career Objective

- Motivated engineering graduate in Sound Processing with strong internship experience
- Currently in first year of Ph. D. in Music Information Retrieval (M.I.R.) in France
- Looking for an opportunity to develop my skills during a summer internship

Education

2015-2018 **Ph. D.** studies in **Sound Processing** and **M.I.R.**
Under the direction of **Pierre Hanna** and **Matthias Robine**
LaBRI, CNRS, Bordeaux University, France

2012-2015 **Master's Degree** of Engineering Diploma in **Sound Processing**
Graduated with **high honors** (3th out of 78)
ENSEIRB-MATMECA Engineering School, Bordeaux, France

2010-2012 University Technology Diploma in **Electrical Engineering**
Graduation with **high honors** (2nd out of 80)
University Institute of Technology, Montpellier, France

2010 High School Diploma with concentration in **Math** and **Physics**
Graduation with **highest honor**
Levavasseur High School, France

Languages

French Native speaker
English Excellent working knowledge (**IELTS**: 7/9 and **TOEIC**: 920/990)
German Spoken and written
Spanish Basic understanding

IT Skills

Languages C, C++, Java, HTML, CSS, Javascript, SQL, Bash, Objective-C, Python
Apps MatLab, LabView, MPLab, XCode, CodeBlocks, Weka, Audacity
OS Unix (Ubuntu and OSX), Windows (XP, Vista and Seven)

Working Experiences

2015 Five-month internship under the supervision of **Laurent Demany**
CNRS, National Center in Scientific Research, Bordeaux, France

Mission Tools development in **Matlab** for testing and analyzing psychoacoustical events
Defined and implemented experiment to test a dozen of human listeners
Publication being written for JASA, Journal of the Acoustical Society of America

2012 Three-month internship
FEELTUNE, a French SME of 5 employees based in Nîmes, France, specializing in standalone groove machines

Mission Design of a virtual sound synthesizer using **Microsoft Visual C++**
VST compatible app developed using additive synthesis

Partnerships

2012-2015 Intermittent worker
CYBERCOM SONO, a French growing SME, for musical events, Céret, France
Sound engineer
Mission Planning the sound of different stages for local music band

Partnership with company and laboratory during engineering school project

2014 Development of an Android serious game app
Rhythm and Percussion practice for music school students
Sound Processing supervisor and Project Manager of 4 people
Supervised by the SCRIME (Creation and IT Research Studio), CNRS

2013 Analysis and automatic classification of biomedical signals (EEG and ECG) in order to detect a cardiac disease
Sound Processing supervisor and Project Manager of 8 people
Supervised by Thales and the Bordeaux University Hospital
2014 Thales Project Challenge winner

Miscellaneous

Start-up Development of a French start-up in music education
Sports Krav Maga
Muay Thai
Football
Reading Science-fiction
Arts Guitar
Didgeridoo

References

Laurent Demany Research director, Bordeaux, France
laurent.demany@u-bordeaux2.fr
+33 621 226 590
+33 557 571 651

Pierre Hanna Lecturer, Bordeaux, France
pierre.hanna@labri.fr
+33 619 232 254

Matthias Robine Lecturer, Bordeaux, France
matthias.robine@labri.fr
+33 540 003 821

More references available upon request