

Bérenger RECOULES

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Personal Statement

I am working in the fields of computer science, data representation (audio and visual), physics simulation, and music. I love experimenting with data and treating it as a musical score in search of hidden audio visual patterns. I am a self taught programmer attached to open-source communities.

Work and artistic experiences

- Present** Private researcher at Kbcoo in charge of Music Information Retrieval, and music representation. Kbcoo is startup willing to help people practice their tango at home.
- 2015** Interactive Video Mapping for the 20th anniversary of « pôle Images & Réseaux ». Based on a data-visualisation of their tweeter account's historical activity. <https://www.youtube.com/watch?v=OYLhYUfjCBA>
- 2014** Video Mapping show on the castle of Blain with Mickaël La Fontaine for the 500th anniversary of Anne de Bretagne's death.
- 2013** Neurokiff : Data visualisation of brain-computer interfaces in collaboration with the university of Nantes
- 2012** Hosting of full day workshop at Stereolux about the Emotiv bci and its use for visual and musical interaction.
- 2012** Freelance article and presentation about Wifi musical jamming with smartphones for DIS conference at Newcastle.
- 2011** Programming for the interactive installation CCPP, held at the school of Architecture of Belleville, the french minister for culture, and Paris Beaux-Arts, in collaboration with the Cochenko collective.
- 2010** Interactive sound installation for the exposition « Open House », commissioned by Entre-Deux.
- 2009** Scientific counselling on acoustic design for « théâtre clandestin » an art installation by Julien Prévieux for the contemporary art biennial of Anglet.
- 2009** Programming for « Parlement » by Joris Lacoste played at la fondation Cartier and the Georges Pompidou center in Paris.
- 2008** Collaboration with Malte Martin on « ici, je suis ailleurs » : for Nuits Blanches, Paris.

Teaching

- Since 2014** Practical Sound Design at L'Ecole Central Nantes (french engineering school).
- Since 2013** Processing programming at IUT of Carquefou (branch of Nantes university).
- Since 2012** Sonic and visual interaction at l'Ecole de Design de Nantes Atlantique.

From 2008 to 2012 I have had the opportunity to work punctually in many private schools. Noticeably I've taught programming to 10 to 15 years old children for a whole year, and have given a small intro to data-visualisation and js programming to the Beaux-Arts of Nantes.

Events co-hosting

2016 Creative coding days 3rd edition in collaboration with Stereolux. This edition was dedicated to Openframeworks. In presence of Zach Lieberman, Kyle McDonald and Elliott Woods amongst others.

2014 Creative coding days 2nd edition in collaboration with Stereolux. This edition was dedicated to Processing. With Julien V3ga, Christopher Warnow, Stefan Wagner and Antoine Schmidt amongst others.

2012 2 day of conferences and workshop about Brain Computer Interface with Stereolux.

2012 Creative coding days 1st edition in collaboration with Stereolux. This edition was dedicated to Pure-Data. Creative coding days (« Les Journées du code créatif ») is a biennial curated gathering of a creative coding community. The events lasts two days and combines talks, workshops (beginner and advanced) aswell as performances. For this first edition we greeted Miller Puckette, Onyx Ashanti and Andy Farnell amongst many others.

Education

2006-2008 Master 2 in Ergonomy and Cognitive Sciences at Bordeaux 2 university.

2005-2006 Professional License in Music and Sound Design at Lille 3 university.

2002-2005 Ecole des Mines de Nantes engineering school.

Computer Science

Programming Processing, Pure Data, p5js, and openframeworks. Android knowledge. Use of git/github, Eclipse.

Computer Music Fluent with most audio/numeric tools.