

## Cell & Skype

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## Email

santiagorenteria25@gmail.com

## Web & Git

santiagorenterialab.com  
github.com/hermes2507

## LinkedIn

Click here

## ResearchGate

Click here

## Programming

Max/Pd ★★★★★  
Python ★★★★★  
Java ★★★★★  
Faust ★★★★★  
C++ ★★★★★

## Skills

Pro Tools ★★★★★  
Guitar ★★★★★  
Mixing ★★★★★  
Recording ★★★★★

## Languages

Spanish ★★★★★  
English ★★★★★  
Italian ★★★★★

# Santiago Rentería

Interdisciplinary Researcher / Engineer

## Experience

- 05/18 - Now **VR Developer (Unity)** [Universidad Iberoamericana, Mexico City](#)  
Currently working with an interdisciplinary team in the design of VR tools for interactive storytelling and introspection.
- 06/17 - Now **Mathematics Professor** [Tecnológico de Monterrey, Mexico City](#)  
Introductory Mathematics and Mathematical reasoning.
- 06/16 - 12/16 **Software Development Intern** [Arturia](#)  
Development and optimization of audio/MIDI applications for Raspbian OS.
- 06/16 - 12/16 **Music Producer** [Tecnológico de Monterrey, Mexico City](#)  
Design, binaural recording and management of a multichannel concert for Contemporary Guitar Ensemble.
- 06/16 - 12/16 **Event Manager and Planner** [Tecnológico de Monterrey, Mexico City](#)  
Management and design of Modularte (Music, Science and Technology festival).
- 01/16 - 12/16 **Brain-Computer interface Researcher** [Mexico City](#)  
Gave a **workshop** on Machine Learning for Artists, and developed a BCI for playing the piano with a robotic arm.
- 01/16 - 06/16 **Interactive Installation Programmer** [Mexico City](#)  
Collaborated with Pablo Martínez Zárata in the design of an audiovisual installation for Mexrópoli 2016 (International Architecture Festival).

## Education

- 2013 - 2017 **B.S. Digital Music Production Engineering** [Tecnológico de Monterrey](#)  
Graduated with Honors. GPA: 96/100  
Main subjects: Acoustics, Recording Techniques, Live Audio, Sound Design, Psychoacoustics, Music Therapy and Signal Processing.  
*Degree Project: 360 degree multichannel guitar concert*

## Certifications

- 03/2018 **Deep Learning Specialization** [Coursera](#)
- 06/2017 **Introduction to Agent Based Modeling** [Santa Fe Institute](#)
- 01/2017 **Live Sound Technician** [Educasound](#)
- 06/2013 **Pro Tools 101 & 110** [Avid](#)

## Publications

S. Rentería

**The human use of emotional machines**

*Medium, Nov 7, 2017*

D. Urquiza, S. Rentería, et. al.

**Las BCI en la robótica y la música: Implementación de una interfaz EEG para el control de un brazo robótico para tocar un teclado musical**

*Heptagrama - Revista de estudiantes del posgrado en música UNAM, Aug 24, 2017*

E. Pérez, S. Rentería

**Towards an Automatic Music Transcription System for Contemporary and Experimental Music Languages using Non-Traditional Music Notation (Draft)**

*Unpublished*

D. Urquiza, S. Rentería, et. al.

**Binaural Audio Relaxation Techniques For People With Anxiety And Stress**

*Proceedings of the 9th Conference on Interdisciplinary Musicology – CIM14 , Berlin, Germany, Dec 4, 2014*