Ricardo Arbiza

ricardoarbizaroverano@gmail.com | ricardoarbiza.com
Passport holder: Uruguay and Italy (EU)

Short Bio

I am a trombonist, composer, researcher, and music technologist whose work bridges performance, composition, and interface design. My practice focuses on sensor-augmented instruments, gesture-driven systems, and browser-based environments for real-time musical interaction. Recent projects include *NIHCI*, a non-intrusive framework design and interface for trombone performance; *Sonic Time Machine*, a UNESCO-endorsed permanent sound-heritage installation; and *MIDImyFACE*, a web-based facial-gesture controller.

EDUCATION

PhD in Music Performance and Composition *Expected May 2026*

New York University, Steinhardt School of Culture, Education, and Human Development
Department of Music and Performing Arts Professions
New York, United States
Dissertation Title: *Beyond Brass Performance: Exploring the Integration of Non-Intrusive Human-Computer Interfaces in Trombone Performance*
Advisor: Dr. Robert Rowe
Main Instructors: David Taylor in bass trombone and Dr. Tae Hong Park in composition and music technology.
GPA: 4.0/4.0
Awards & Fellowships:

- Steinhardt Fellowship
- NYU Travel Grant
- Competitive Professional Reimbursement (CPR) Grant
- Research residency at NYU-Berlin (3 months)
- Research residency at NYU-Paris (3 months)
- Research residency at NYU-Shanghai (3 months)

Master of Philosophy 2025

New York University, Steinhardt School of Culture, Education, and Human Development
Department of Music and Performing Arts Professions
New York, United States
Advisor: Dr. Tae Hong Park
GPA: 4.0/4.0

Master in Music, Orchestral Performance: Trombone 2021

The New School University, College of Performing Arts,
Mannes School of Music
New York, United States
Main Instructors: George Curran and Nick Schwartz
GPA: 4.0/4.0
Awards & Fellowships:
- The New School President's Scholarship
- COPA Award

Bachelor in Music: Composition 2018

Universidad de la República, Escuela Universitaria de Música
Montevideo, Uruguay
Main Instructors: Dr. Osvaldo Budón and Luis Jure
Grade: 9.04/12

ACADEMIC PAPERS AND PRESENTATIONS

International Computer Music Conference (ICMC). Boston, MA, United States 2025
Paper: Arbiza, R. "MIDImyFACE: A Web-Based Facial Gestural Interface
for Real-Time Music Performance and Control." In *Proceedings of the*
50th International Computer Music Conference (ICMC), Boston, MA,
June 8–14, 2025, pp. 375–379. San Francisco,
CA: International Computer Music Association, 2025.

Revista Científica LINK (UTEC). Uruguay 2025
Paper: Arbiza, R. "De la Rockola a la Jazz-Ola: Tejiendo Encuentros entre
Sonido, Tecnología, Educación y Territorio."
Revista Científica LINK (UTEC), forthcoming 2025.

SEAMUS Lafayette, IN, United States 2025
Paper: Arbiza, R., and Park, T. H. "Building a Sonic Time Machine,"
to be published in Proceedings.

Orpheus Instituut. Ghent, Belgium 2024
Presentation: *Beyond Brass Performance.*

Primer Congreso de Tecnología y Biociencia. Paysandú, Uruguay 2024
Presentation: *La Máquina Sonora del Tiempo*

Atemporánea Conference. Buenos Aires, Argentina 2023
Paper: Arbiza, R., and Park, T. H. "Designing a Sonic Time Machine."
Actas de Atemporánea 2023, IV Festival Internacional de Música Contemporánea,
Conservatorio Superior de Música 'Ástor Piazzolla,'
Edición No. 3 Año 2023, ISSN 2796-9347.

Asian Art Center. Gwangju, South Korea 2023
Workshop: Park, T. H., and Arbiza, R. *Soundmapping Our World in 3D*

SEAMUS. New York, United States 2023

Presentation: Arbiza, R., and Park, T. H. *Smute Iteration One.*

IRCAM Forum @ NYU. New York, United States   2022
Demo: Arbiza, R., and Park, T. H. *Smute: Series of Smart Mutes for*
Brass Instruments.

Trombonanza Trombone Festival. Santa Fé, Argentina   2022
Presentation: Arbiza, R. *Audio Augmented Reality:*
A Practical Approach for Performing/Composing in Real Time

EVO Festival by ICE. New York, United States   2022
Presentation: Arbiza, R. *Digital Swim*

Universidad Tecnológica (UTEC). Soriano, Uruguay   2022
Presentation: Arbiza, R. *Electro-Jam*

GRANTS AND AWARDS

Participation Programme. UNESCO   2023
Grant for the development of the *Sonic Time Machine* project.

First Prize. Uruguayan National Composition Contest   2023
Awarded piece: *Icarus.* Organized by the Uruguayan Ministry of Culture.

Fulbright Scholarship. United States   2019–2021
Fulbright grant recipient for post-graduate studies in the United States.

Organization of the American States (OAS) Scholarship   2019–2021
Scholarship recipient selected to represent Uruguay for post-graduate studies
in the United States.

Mannes School of Music Dean's Award. New York, United States   2021

University of Florida, Academic Excellence Award. Florida, United States   2019

Sociedad Uruguaya de Intérpretes (SUDEI) Grant. Montevideo, Uruguay   2018

Second Place. Trombonanza Festival Composition Contest. Santa Fé, Argentina   2018
Awarded piece: *El Maizal,* for trombone choir.

First Place. Trombonanza Festival Composition Contest. Santa Fé, Argentina   2015
Awarded piece: *Aires Rioplatenses,* for bass trombone and bandoneon.

DIPLOMAS AND CERTIFICATIONS

Social & Behavioral Research, CITI Program   2024
Working with your IRB, CITI Program   2024
Preparing for Single IRB (sIRB), CITI Program   2024
IRB Review of Observational Research, CITI Program   2023
Ultimaker & Safety Orientation, NYU–Tandon, Maker Space   2022
English Language Institute, University of Florida   2019
Solfege Diploma, Conservatorio de Música de Montevideo   2006–2010
Military Musician Program, Uruguayan National Army   2004–2006

PROJECTS

NIHCI   2025–
Exploration and development of Non-Intrusive Human–Computer Interfaces for
handheld music instruments.

MidiMyFace.com   2024–
A web interface that maps facial gestures to MIDI messages, enabling real-time
sound creation in the browser, external devices, or media control. It can trigger
musical events and is freely accessible at *www.midimyface.com*
with no installation required.

JazzOla   2024–
A physical interface inspired by the jukebox. JazzOla is an interactive
sound installation that allows pedestrians to engage with a big scale
LP-like player and record from local artists in Uruguayan

Sonic Time Machine   2023–
Recovery and reconstruction of historical soundscapes of places with
historical relevance.
Project website: *www.maquinasonoraldeltiempo.com*

Urubrass International Brass Festival   2012–2023
Brass festival that offers free concerts and masterclasses accessible
to all ages and skill levels, with events held across the country.
Urubrass has welcomed artists from Argentina, Brazil, Costa Rica,
the United States, and Spain.

SMUTE   2024–
Series of smart and interactive brass mutes.
It combines 3D printed custom mutes and an Android application
that uses the smartphones as processing and sensor hub.

Sonic Time Capsules   2024–
An interactive sound experience where users can craft personalized
sonic capsules, which are then embedded into a physical object
as a unique audio souvenir.

SOUND ART & ARTISTIC RESIDENCIES

Vanhan Kaivoksen Residenssi. Outokumpu, Finland   2025
In collaboration with Riikka Haapasaari.

Sonic Time Machine. Fray Bentos, Uruguay   2023–
Recovery and historical reconstruction of the soundscape of the former
meatpacking factory ANGLO. Permanent sound installation funded by UNESCO.
In collaboration with Tae Hong Park.

Binaural Nodar. Vouzela, Portugal   2023
Echoes of Leaving and Returning. Public sound installation and sound map
of the city of Vouzela. In collaboration with Lucía Chamorro.

International Trombone Festival. Arkansas, US   2022
Composer in residence.

JURY WORK

George Robert Intl. Bass Trombone Competition. Salt Lake, United States ... 2023
International Trombone Festival (ITF).
Trombonanza Festival. Santa Fé, Argentina ... 2023
International composition contest.

TEACHING EXPERIENCE

Lecturer at Universidad Tecnológica(UTEC). Soriano, Uruguay ... 2023–2025
Lecturer in the Sound and Music Production Department, LJMC.
Music Instructor, Good Shepherd Services. New York, US ... 2023
Summer camp music instructor for 4th, 5th, and 6th grade students.
Visiting Lecturer, Manhattan College. New York, US ... 2023
Band Conductor, San Ramón Youth Band. Canelones, Uruguay ... 2015–2018
Music conductor, music arranger, and activities coordinator.
Trombone Teacher, El Sistema. Uruguay ... 2011–2014

Courses Taught
Sound and Music Acoustics (UTEC [University level])
Electroacoustic Music Workshop (UTEC [University level])
Synthesis and Programming Workshop (UTEC [University level])
Live Audio Production (UTEC [University level])
Sound Recording and Audio Technology History (Manhattan College [University level])
Trombone Private Lessons for all levels and ages (El Sistema Uruguay, San Ramón Youth Band)
Brass Ensemble and Music Arrangements (UruBrass Festival)
Band Conductor and Music Arrangements (San Ramón Youth Band)

EMPLOYMENT HISTORY: Full-Time Jobs & Audition Winner

Symphonic Band of Montevideo. Montevideo, Uruguay ... 2015–2019
Band of the Labor University. Uruguay ... 2018–2019
SODRE: National Symphony Orchestra. Uruguay ... 2015–2022
Canelones Government Band. Uruguay ... 2010–2018
National Army Band ... 2006–2009

INTERNSHIPS

Paper Track and AV Assistant, NYU IRCAM FORUM. New York, US ... 2022
AV Assistant, International Trombone Festival. Arkansas, US ... 2023
Podcast Audio Editor, Two Scoop Network. New York, US ... 2015–2022
Student Specialist, The New School University. New York, US ... 2020
Theater Sound Designer, EMAD. Montevideo, Uruguay ... 2018

SELECTED INTERNATIONAL MUSIC FESTIVALS

International Trombone Festival. Salt Lake, US	2023
EVO Festival by Intl. Contemporary Ensemble. New York, US	2020 / 2022
International Trombone Festival. Columbus, US	2021
Isla Verde Festival. Argentina	2009 / 2011 / 2014 & 2019
SESC. Pelotas, Brazil	2016
Perú Low Brass. Lima, Perú	2011
Trombonanza. Santa Fé, Argentina	2007 / 2011 / 2021

RELEVANT FREELANCE PERFORMANCE EXPERIENCE

Solo Works@Int. Arts and Performance Series. New York, US	2021 / 2022
Brooklyn Symphony Orchestra. New York, US	2022
American Composer Orchestra. New York, US	2022
UN Symphony Orchestra. New York, US	2019–2022
University of Florida Symphony Orchestra. Gainesville, US	2019
Tito Nieves Salsa Band	2019
Ayme Nuviola Salsa Band	2019
US & Panamá Tour, National Youth Symphony	2013
Greenwich Village Symphony. New York, US	2020–2022
UBRASS Ensemble	2011–2018
Cabaret Musical	2007–2008

MUSIC PRODUCTION & COMMERCIAL RECORDING

Florencia Nuñez. Brass arrangements and recording for both albums	2017–2020
Mala Tuya. Brass arrangements and recording for album	2017

SELECTED COMPOSITIONS

Entangled (bass trombone, gesture-sensor interface, and fixed media)	2025
Iridescence (Sonic Time Machine)	2024
Icarus (trombone choir)	2023
Please, Hold the Line (smartphone and performer)	2023
Realitas (bass trombone, smute, and distributed audio)	2022
Luz Mala (bass trombone duo and distributed audio)	2022
Eruption I (bass trombone, smute, and fixed media)	2022
There's a Monster in My Drawer! (drawer unit, strobe light, X-OSC, and Arduino Uno)	2021
Rite of Winter (electroacoustic)	2021
El Matrero (symphonic band and alto sax solo)	2020
El Maizal (trombone choir)	2019
Magneto (cassette tapes and multi-head tape)	2018
Surcando Caminos (three drum toms, DIY turntable, and prepared vinyl records)	2017
Aires Rioplatenses (bass trombone and piano)	2016
Batalla Final (tuba and piano)	2014

CREATIVE CODING & HARDWARE SKILLS

Programming & Hardware: Pure Data; Max/MSP; JavaScript; HTML & CSS;
Arduino (C/C++); Raspberry Pi; basic electronics; 3D printing (FDM prototyping).
Audio & Music Production: Ableton Live; Reaper; Audacity; Sibelius; StaffPad;
QLab; Soundtrap; VCV Rack.
Networked Performance: Jamulus; Jacktrip; JamKazam.
Creative Software: Adobe Photoshop; Adobe Premiere; Cura; OBS.

LANGUAGES

Spanish (native speaker); English (fluent); Portuguese (working knowledge);
Italian (working knowledge).