

Ricardo Arbiza

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Passport holder: Uruguay and Italy (EU)

Short Bio

I am a trombonist, composer, music technologist, sound artist, and researcher. My current research focuses on embodied interaction with intelligent musical systems.

EDUCATION

PhD in Music Performance and Composition

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 (one semester)
- Research residency at NYU-Paris (one semester)
- Research residency at NYU-Shanghai (one semester)

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

PUBLICATIONS AND PRESENTATIONS

Computer Music Journal (CMJ), MIT Press. United States

2026

Paper: Ricardo Arbiza, Tae Hong Park; Sonic Time Machine.

Computer Music Journal 2026; doi: <https://doi.org/10.1162/COMJ.a.713>

ProQuest Dissertations & Theses. United States

2026

Dissertation: Arbiza Roverano, R. A. *Beyond Brass Performance:*

Exploring the Integration of Non-Intrusive Human-Computer Interfaces (NIHCI) in Trombone. ProQuest Dissertations & Theses, 2026.

ISBN: 9798244860825.

International Computer Music Conference (ICMC). 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). DOI: <https://doi.org/10.65628/V3.N1.8>

SEAMUS Lafayette, IN, United States

2025

Presentation: Arbiza, R., and Park, T. H. "Building a Sonic Time Machine"

Orpheus Instituut. Ghent, Belgium

2024

Presentation: *Beyond Brass Performance.*

Primer Congreso de Tecnología y Biociencia. Uruguay

2024

Presentation: *La Máquina Sonora del Tiempo*

Atemporánea Conference. 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. South Korea

2023

Workshop: Park, T.H., and Arbiza, R. <i>Soundmapping Our World in 3D</i> SEAMUS . New York, United States	2023
Presentation: Arbiza, R., and Park, T.H. <i>Smute Iteration One</i> . IRCAM Forum @ NYU . New York, United States	2022
Demo: Arbiza, R., and Park, T.H. <i>Smute: Series of Smart Mutes for Brass Instruments</i> . Trombonanza Trombone Festival . Argentina	2022
Presentation: Arbiza, R. <i>Audio Augmented Reality: A Practical Approach for Performing/Composing in Real Time</i> EVO Festival by ICE . New York, United States	2022
Presentation: Arbiza, R. <i>Digital Swim</i> Universidad Tecnológica (UTEC) . Uruguay	2022
Presentation: Arbiza, R. <i>Electro-Jam</i>	

GRANTS AND AWARDS

Participation Programme. UNESCO	2023
Grant for the development of the <i>Sonic Time Machine</i> project.	
First Prize. Uruguayan National Composition Contest	2023
Awarded piece: <i>Icarus</i> . 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: <i>El Maizal</i> , for trombone choir.	
First Place. Trombonanza Festival Composition Contest . Santa Fé, Argentina	2015
Awarded piece: <i>Aires Rioplatenses</i> , 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
Solfège Diploma , Conservatorio de Música de Montevideo	2006–2010
Military Musician Program , Uruguayan National Army	2004–2006

PROJECTS

CCMM	2026–
CCMM: Cyberspace CoCreative Music Machina is an ongoing research and artistic project that explores machine musicianship through embodied, real-time human–AI musical interaction with physical and virtual instruments.	
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 <i>www.midimyface.com</i> 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: <i>www.maquinasonoraldeltiempo.com</i>	
Founder and Director, Urubass Intl. Brass Festival	2012–2023
Founded and directed an international brass festival offering free concerts, masterclasses, and educational activities across Uruguay. Managed artistic vision, programming, fundraising, venues, outreach, communications, and the festival’s digital presence. Urubass welcomed international students and faculty from Argentina, Brazil, Costa Rica, the United States, and Spain.	
SMUTE	2024
A smart and interactive brass mute.	
It combines a 3D-printed custom mute 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
<i>Echoes of Leaving and Returning.</i> Public sound installation and sound map	

of the city of Vouzela. In collaboration with Lucía Chamorro.
International Trombone Festival. Arkansas, United States 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, United States 2023
 Summer camp music instructor for 4th, 5th, and 6th grade students.
Visiting Lecturer, Manhattan College. New York, United States 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)

CONDUCTING EXPERIENCE

Universidad de la República, Escuela Universitaria de Música. Montevideo, Uruguay 2018
 Completed one year of undergraduate studies in orchestral conducting.
Symphonic Band of Montevideo. Montevideo, Uruguay 2018
 Conductor for a series of pedagogical concerts in Montevideo public schools.
Youth Band of San Ramón. Canelones, Uruguay 2016–2018
 Conductor of a youth ensemble with students ages 6 to 16.
Canelones Government Band. Canelones, Uruguay 2016
 Assistant conductor.

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	2013–2015
Canelones Government Band. Uruguay	2010–2018
National Army Band	2006–2009

INTERNSHIPS

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

SELECTED INTERNATIONAL MUSIC FESTIVALS

International Trombone Festival. Salt Lake, United States	2023
EVO Festival by Intl. Contemporary Ensemble. New York, United States	2020 / 2022
International Trombone Festival. Columbus, United States	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

CONTEMPORARY AND EXPERIMENTAL MUSIC PERFORMANCE

Solo Works@Int. Arts and Performance Series. New York, United States	2021 / 2022
Núcleo de Música Nueva (NMN). Montevideo, Uruguay	2015 / 2016
Performer in <i>Troodos</i> by Ulises Ferretti and <i>Magma</i> by Graciela Paraskevaídis.	
Hipernova. Montevideo, Uruguay	2018
Performer in the contemporary opera <i>Hipernova</i> .	

BIG BAND PERFORMANCE EXPERIENCE

AUDEM Big Band. Uruguay	2014–2016
Jazz a la Calle Big Band. Uruguay	2013–2015
Panchito Nolé Big Band. Uruguay	2012
Estación Central Big Band. Uruguay	2009

RELEVANT FREELANCE PERFORMANCE EXPERIENCE

Brooklyn Symphony Orchestra. New York, United States	2022
American Composer Orchestra. New York, United States	2022
Manhattan Brass Quintet. New York, United States	2022
Greenwich Village Symphony. New York, United States	2020–2022
UN Symphony Orchestra. New York, United States	2019–2022
University of Florida Symphony Orchestra. Gainesville, United States	2019
Tito Nieves Salsa Band	2019
Ayme Nuviola Salsa Band	2019
US & Panamá Tour, National Youth Symphony	2013
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
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: Advance level: Pure Data; Max/MSP; Working knowledge: JavaScript; HTML & CSS; Python; Arduino (C/C++); Raspberry Pi; basic electronics; 3D printing (FDM prototyping); Matlab; GitHub.

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).

PROFESSIONAL REFERENCES

Dr. Robert Rowe

Professor, NYU Steinhardt School of Culture, Education, and Human Development
robert.rowe@nyu.edu

Dr. Tae Hong Park

Music Chair and Associate Professor, Rueff School of Music, Purdue University
thp@purdue.edu

Dr. Marilyn Nonken

Chair, Department of Music and Performing Arts Professions
Professor of Music and Music Education
NYU Steinhardt School of Culture, Education, and Human Development
marilyn.nonken@nyu.edu

Dr. Levy Lorenzo

Assistant Professor of Creative Technologies, College of Performing Arts, The New School
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Kalun Leung

Performer-Composer, Freelance International Artist
kalunis@gmail.com