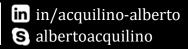
# ALBERTO ACQUILINO

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### **CURRENT POSITION**

**Google LLC,** Mentor at the Google Summer of Code

2024-present

McGill University, Lecturer

2023-present

Instructor of Music Technology: Fundamentals of New Media course

Global Leaders Institute, Arts Technology Director

2023-present

Leading the Music and the AI course

#### **EDUCATION**

#### McGill University, Music Technology Area

Montreal, Canada

PhD in Assistive Technologies for Music Pedagogy

2020-present

- Supervised by Dr Gary Scavone of the Computational Acoustic Modeling Laboratory.
- Teaching assistant for *Introduction to Digital Audio* course; demonstrator for *Hearing Care Platform* project; Best Paper Presentation Award at *CIRMMT, OICRM, BRAMS Symposium 2023*.
- **Selected grant awards**: Tomlinson Fellowship (105,000\$); FRQNT Scholarship (58,000\$).

#### **Global Leaders Institute**

Washington DC, United States

Executive Graduate Certificate in Arts and Innovation, Honours with Distinction 2021-2022

- Curating institutions: McGill University, Harvard University, Duke University, New York University, Georgetown University, Longy School of Music of Bard College, El Sistema USA.
- Awards: Innovation Exchange Residency Stakeholder-Prize Palm Beach, FL.

#### Université Savoie Mont Blanc

Chambéry, France

*MSc in Energy and Sustainable Buildings Engineering*, Honours with Distinction

2017-2018

Università di Genova

Genoa, Italy

MSc in Energy and Nuclear Engineering, Honours with Distinction

2016-2019

- Selected to represent the University for a research project at ETH Zurich in 2018-2019.
- Awards: Vinci Scholarship, Rotary Club Renewable Energy Prize, Erasmus+.

BSc in Mechanical Engineering, Honours

2010-2016

# Malmö Academy of Music

Karlskrona, Sweden

Blekinge International Brass Academy

2013

# Conservatory of Music "N. Paganini"

Genoa, Italy

MMus in Music Performance, Honours

2005-2011

**Awards**: 1st Prize of the National Trumpet Competition of Santa Margherita Ligure, Italy.

#### RELEVANT WORK EXPERIENCE

ETH Zurich University, Research Scientist

Zurich, Switzerland - 2020

Middle School "Maria Ausiliatrice", Music Teacher

Genoa, Italy - 2015

Sanremo Symphony Orchestra, Musician

Sanremo, Italy - 2014

### **SELECTED PUBLICATIONS**

# A Dataset and Baseline for Automated Assessment of Timbre Quality in Trumpet Sound

2023

A Acquilino, N Puranik, I Fujinaga, G Scavone. Proc. of the ISMIR conference 2023.

# Detecting efficiency in trumpet sound production: proposed methodology and pedagogical implications.

2023

A Acquilino, N Puranik, I Fujinaga, G Scavone. Proc. of the Stockholm Music Acoustic Conference.

Current state & future directions of technologies for music instrument pedagogy. 2022 A Acquilino, G Scavone. Frontiers in Psychology, Vol 13.

Carbon dioxide capture, transport and storage supply chains: Optimal economic and environmental performance of infrastructure rollout.

V Becattini, P Gabrielli, C Antonini, J Campos, A Acquilino, G Sansavini, M Mazzotti. 15th IGGCT.

Optimization of low-carbon multi-energy systems with seasonal geothermal energy storage: The Anergy Grid of ETH Zurich.

P Gabrielli, A Acquilino, S Siri, S Bracco, G Sansavini, M Mazzotti. ECM: X, Vol. 8.

## **CO-CURRICULAR EXPERIENCES**

**McGill University, Schulich School of Music:** Co-founder and organizer of the *Tech-Enhanced Music Education International Symposium 2024*; Volunteering at the *International Symposium on Performance Science* 2021.

**ArtsIT:** Reviewer for the 13th EAI International Conference: ArtsIT, Interactivity and Game Creation.

**Global Leaders Institute:** Member of the Academic Board since 2023.

**Centre for Interdisciplinary Research in Music Media and Technology (CIRMMT):** Member of the CIRMMT Board and CIRMMT Executive Committee; Chair of the Student Executive Committee; Organizing the CIRMMT, OICRM, BRAMS Student Symposium 2023 and 2024; Organizing the 2022 CIRMMT International conference: "Le son du future/Le future du son".

#### MUSICAL EXPERIENCES

**Teaching:** 5+ years music teacher at *Associazione Pro Musica, Filarmonica di Arenzano, Banda di Voltr*i; Visiting brass teacher, musician and conductor at El Sistema New Brunswick, Canada 2022.

**Performing:** 10+ years of international experience as a musician; Professional recordings of music albums and singles; Participation in international academies and masterclasses with musicians from the Los Angeles Philharmonic, Philadelphia Orchestra, Chicago Philharmonic, La Scala Opera Theater, Santa Cecilia Symphony Orchestra, Vienna Philharmonic.

**Conducting:** 4 years of experience as music conductor of the *Banda Musicale Città di Voltri* wind ensemble; Orchestra conductor for the visit of Pope Francis to Genoa, 2017.

#### RELEVANT SKILLS

**Computing**: experience with LaTeX, Microsoft Office products for word-processing, reports, spreadsheets; proficiency in range of applications including Python and MATLAB; experience with music software and technologies.

**Languages**: Italian & Ligurian (native speaker), English (professional proficiency), French (B1), German (A2).