

ALBERTO ACQUILINO

Montreal, QC H3H 2R7
Canada

✉ albertoacquilino@gmail.com
☎ +1 (438) 530-6538

in/acquilino-alberto
albertoacquilino

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.

2022

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.

2020

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 Voltri*; 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).