

# Omar Costa Hamido



📍 Portuguese

🏠 [omarcostahamido.com](https://omarcostahamido.com)

🔗 [github.com/omarcostahamido](https://github.com/omarcostahamido)

📄 [medium.com/@omarcostahamido](https://medium.com/@omarcostahamido)

🎧 [soundcloud.com/omarcostahamido](https://soundcloud.com/omarcostahamido)

🆔 [orcid.org/0000-0001-5077-853X](https://orcid.org/0000-0001-5077-853X)

🎨 [quantumland.art](https://quantumland.art)

## 🎓 EDUCATION

📅 09/2017 - 09/2021 📍 UNITED STATES

**PhD in Music - Integrated Composition, Improvisation, and Technology**  
University of California, Irvine

📅 09/2019 📍 ZURICH, SWITZERLAND

**Quantum Information for Developers (Summer School)**  
ETH Zurich

📅 07/2019

**Real-Time Audio Signal Processing in Faust (Online Course)**  
Kadenze - Stanford University

📅 02/2016 - 05/2016

**Machine Learning for Musicians and Artists (Online Course)**  
Kadenze - Goldsmiths University of London

📅 09/2011 - 10/2013 📍 PORTO, PORTUGAL

**M.A. in Music Theory and Composition**  
IPP - Escola Superior de Música e das Artes do Espectáculo

📅 09/2008 - 08/2011 📍 ÉVORA, PORTUGAL

**B.A. in Music - Jazz - Saxophone**  
Universidade de Évora

## 📁 WORK EXPERIENCE

📅 07/2021 - PRESENT 📍 UNITED KINGDOM

**Research Assistant in Quantum Computing and Music**  
University of Plymouth

📅 01/2019 - 03/2021 📍 UNITED STATES

**Teaching Assistant/Associate**  
University of California, Irvine

📅 06/2016 - 06/2017 📍 LISBOA, PORTUGAL

**research & development and music technology**  
Portuguese Music Research and Information Center  
Miso Music

## 🧪 SKILLS

# Saxophone # Max/MSP # Ableton Live  
# Google Apps # TouchDesigner # Node.js  
# Python # Git # Portuguese (native speaker)  
# English # Spanish # French # ASL

## 🏆 AWARDS

📅 09/2019

**Community Choice Award**  
**Qiskit Camp Europe**  
<https://link.medium.com/Jt9aZ8Wta1>  
for the Quantum Synth hackathon project

📅 02/2019

**1st prize Student Artwork for Brilliance event**  
**Seegerstrom Center for the Arts / Beall Center for Art + Technology**  
<http://beallcenter.uci.edu/>  
for the installation "Duet for Human and Machine"

📅 07/2017

**Fulbright Grant for PhD studies**  
**Fulbright Commission**  
<http://www.fulbright.pt/>

## 🎵 SELECTED WORKS

📅 01/2019

**The Space Between the Strings [13'28"]**  
for prepared piano and performed electronics

📅 06/2018

**Serendipity [~22']**  
for saxophone, electronics, and video projection

📅 12/2017

**B.U.D. Sophia [~6'30"]**  
for 7 instruments + smartphone/tablet/laptop, and 1 conductor

## 📄 SELECTED PAPERS

📅 09/2020

**Quantum Synth: A Quantum-Computing-Based Synthesizer**  
Proceedings of Audio Mostly (AM'20)

📅 08/2020

**A Quantum-Classical Network for Beat-Making Performance**  
<https://commons.library.stonybrook.edu/jonma/vol2/iss1/4>  
Journal of Network Music and Arts

📅 2019

**Abstract Rhythm Model**  
**Universidade de Aveiro**  
SYNCHRESIS – Audio Vision Tales, 1st ed., pp. 110-20