

Angelo ORTIZ TANDAZO

PERSONAL DATA

PLACE AND DATE OF BIRTH: Peru | 20 May 1997
EMAIL: angelo.ortiz.t@gmail.com
WEBSITE: <https://angelo-ortiz.github.io>

EDUCATION

- 2023-present PhD in COGNITIVE SCIENCE and MACHINE LEARNING
Ecole Normale Supérieure & Grenoble INP
Thesis title: 'Modelling early vocal learning with a simulated vocal tract'
Advisors: Emmanuel Dupoux and Thomas Hueber
- 2023 ENS Diploma in COMPUTER SCIENCE, **Ecole Normale Supérieure**
Minor: Cognitive Science
- 2022 MSc in MACHINE LEARNING, **Ecole Normale Supérieure Paris-Saclay**
- 2019 BSc in COMPUTER SCIENCE, **Sorbonne University**

WORK EXPERIENCE

- APR-SEP 2023 | Research Intern at AIX-MARSEILLE UNIVERSITÉ, Marseille, France
Development and evaluation of a gestural model for speech perception
Implementation and evaluation (in Python) of a generative model of speech perception.
- OCT 2022 - MAR 2023 | Research Intern at LABORATOIRE DE SCIENCES COGNITIVES ET PSYCHOLINGUISTIQUE, Paris, France
Gestural speech perception
Conception and formalisation of a generative model of speech perception.
- APR-SEP 2022 | Research Intern at ONEPOINT & TÉLÉCOM PARIS, Paris, France
Word-sense disambiguation by graph analysis
Conception and implementation (in Python) of a word-sense disambiguation algorithm based on PageRank and exploiting a Wikipedia-based bipartite graph.
- APR-AUG 2021 | Research Intern at INSTITUT MONTPELLIÉRAIN ALEXANDER GROTHENDIECK, Montpellier, France
Screening rules for interaction models
Development (in Python) of a Lasso solver for regression models with higher-order interactions via *screening-rules* filtering.

LANGUAGES

ENGLISH: Fluent FRENCH: Full professional proficiency
SPANISH: Native proficiency ITALIAN: Beginner

COMPUTER SKILLS

Procedural:	C	Functional:	OCaml
Object-oriented:	Python (NumPy, PyTorch), Java	Tools:	Git, L ^A T _E X

INTERESTS AND ACTIVITIES

Self-supervised learning, language acquisition, computational linguistics
Climate change, technology, programming
Football, cycling, travelling