

Luc De Nardi

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EDUCATION

University of Colorado Boulder
(CLASIC)

Master of Science in Computational Linguistics
Advisor: Dr. Susan Brown

Boulder, CO
August 2025-May, 2027

University of Delaware

College of Arts and Sciences
Bachelor of Arts

Major: Linguistics, Minors: Computer Science & Cognitive Science
GPA: 3.667
Dean's List: Fall 2021, Spring 2022, Fall 2022, Fall 2023, Fall 2024

Newark, DE
August 2021-May, 2025

RESEARCH

French Clear Speech [PI Dr. Rebecca Scarborough]

Research student

- Checking if clear speech in nasal vowels change against casual speech
- Creating/train a model to check specific values of both nasal and oral vowels

Boulder, CO
October 2025-Present

Spec Decoding [PI Dr. Alexis Palmer]

Research assistant

- Assisting in coding for low recourse language model for either
 - knowledge distillation or trained for language modeling

Boulder, CO
November 2025-present

Phonlab, University of Delaware [PI Dr. Kathryn Franich]

Research assistant

- Assisting in coding from subject head/hand gestures video data
- Training in the structure and phases of co-speech gestures of the hands and head
- Applying coding scheme in the annotation of gestures for linguistics research
- Refining gesture coding protocols

Newark, DE
February 2022-August 2022

Phonlab, Harvard University [PI Dr. Kathryn Franich]

Paid Research Assistant

- Assisting looking at video data from a subject coding hand gestures & pointing task
- Training in the structure and phases of co-speech gestures of the hands and head
- Application of a coding scheme in the annotation of gestures for linguistics research
- Transcribing Cameroonian English
- Translate Consent Form from English to French

Cambridge, MA
August 2022-February 2025

The UD Perception and Language Lab [PI Dr. Alon Hafri]

Undergraduate Research Assistant

Newark, DE
September 2022-May 2023, February 2024-May 2024

- Inaugural member
- Researched whether words that encode abstract conceptual distinctions share sound patterns across languages
 - Telic vs Atelic verbs with association with/without Plosives within
 - Created Python code to parse a selection of words with or without plosives
- Object symmetry perception with visual and auditory stimuli
 - Help complete pilot code to perform initial experiments
 - [github](#), [word association](#), [study](#)

UD Experimental Syntax Lab [PI Dr. Rebecca Tollar]

Undergraduate Research Assistant

Newark, DE
February 2023-May 2023

- Assistant programmer in priming test code for participants on the processing of ellipsis in English

Work Experience

SAFAL Conference [PI Dr. Bhuvana Narasimhan]

Paid technical student organizer

- Worked on updating website
- Aid during conference and facilitating Zoom and asynchronous presentation

Boulder, CO

September 2025-November 2025

ACTIVITIES AND INTERESTS

Boulder Music Ensemble

Member

- Campus Orchestra (French horn)
- Boulder Samba Group/Bateria Alegria (1st Surdo)

Boulder, CO

August 2025-present

University of Delaware Music Ensembles

Member

- Collegiate Band (French horn)
- 8-Bit orchestra (French horn, Electric bass, Concertina, Conductor, mandolin)
- Marching band (Mellophone)
- Steel Drum Band (6 bass and 4 cello)
- F Horn Ensemble

Newark, DE

August 2021-2025

Música Latina Registered Student Organization

president/founder

- Bass player
- Arranger

Newark, DE

October 2023-September 2024

Sean's House Peer24 Program

Peer-Specialist volunteer

- Certified to support fellow students (ages 14-24) in need

Newark, DE

July 2024-May 2025

Interests

- Traveling and experiencing new cultures
- Learning languages
- Programming and circuit boarding
- Cooking

Skills

- Broad research experience
- Proficient in Microsoft Office suite and Mac's equivalent options
- Proficient in Java, Python, and Elan (video annotation software)
- Novice in Javascript/TypeScript, C/C++, Terminal (VIM), Praat, Git (Github & Gitlab), LaTeX and PCIBex
- Novice in SQL (Oracle SQLDeveloper)
- Knowledge of software development process
- Native speaker of English, fluent in French, intermediate level in Spanish, and novice in Arabic
- Proficient in music composition (MuseScore) and sound editing softwares (GarageBand)
- Proficient in Blender (3D model) and some knowledge in Fusion 360 (CAD design)
- Hard working, organized, able to work independently or as part of a team, attention to detail, dependable, good oral and written communication skills

REFERENCES

- Dr. Alon Hafri, University of Delaware, alon@udel.edu
- Dr. Rebecca Tollan, University of Delaware, rtollan@udel.edu
- Dr. Kathryn Franich, Harvard University, kfranich@fas.harvard.edu