



## Arianna Masciolini

✉ arianna.masciolini@gu.se; arianna@fripost.org

📍 Tyghusvägen 8, lgh 1301, 41527 Gothenburg, Sweden

☎ +46 730358245; +39 3664750731

🌐 harisont.github.io

🐙 github.com/harisont

### EDUCATION

February 2022 - present

#### PhD in Natural Language Processing

Språkbanken, Göteborgs Universitet (Gothenburg, Sweden)

- Main topic: Computational methods L2 grammar acquisition

September 2018 - March 2021

#### Master's Degree in Computer Science

Göteborgs Universitet (Gothenburg, Sweden)

- Thesis: "Concept Alignment for Machine Translation"
- Main subjects: Computational Linguistics, Functional Programming, Compilers

September 2018 - December 2021

#### Freestanding University Courses

Göteborgs Universitet (Gothenburg, Sweden)

- Language-based security
- Parallel computer architecture
- Photography project
- Practical EU knowledge

October 2015 - July 2018

#### Bachelors's Degree in Computer Science

Università degli Studi di Perugia (Perugia, Italy)

- Thesis: "Algorithms for Energy Games: Parallel Implementation"

### WORK EXPERIENCE

November 2019 - present

#### Teaching

Göteborgs Universitet (Gothenburg, Sweden)

- Programming courses: Introduction to Programming with Python, Advanced Programming with Python, Introduction to Functional Programming and Functional Programming,
- Computational Linguistics courses: Computational Syntax
- Project supervision: "Breaking Barriers: Enhancing Universal Dependency Parsing for Amharic" (Master's thesis in Language Technology)

February 2022 - December 2022

#### Software Development

Göteborgs Universitet (Gothenburg, Sweden)

- Lärka language learning platform

March 2021 - October 2021

#### Software Development

Digital Grammars AB (Gothenburg, Sweden)

March 2017 - May 2018

#### Student Administration

Dipartimento di Matematica ed Informatica, Università degli Studi di Perugia (Perugia, Italy)

### OTHER EXPERIENCE

#### Tutorials

"Impara l'Haskell e mettilo da parte" (online Haskell videocourse, ongoing)

#### Private tutoring

English, Latin, programming (Python and Kotlin)

#### Hackathons

Code With Friends Fall & Summer 2020, LibreOffice Perugia HackFest 2017, CSE Hackathon 2019

#### Translation

Educational content on Khan Academy, interactive articles, popular science videos

### SKILLS AND INTERESTS

#### Languages

Italian, English, Swedish, Spanish

#### Programming languages

Python, Haskell, Grammatical Framework, Agda, Kotlin, Java, C

#### Other technologies

GNU/Linux, Git, LaTeX

#### Personal interests

Photography, literature, comics, early vocal music, bikepacking, skating, rock climbing