

Arianna Masciolini



EDUCATION

February 2022 - present

PhD in Natural Language Processing

Språkbanken, Göteborgs Universitet (Gothenburg, Sweden)

- Main topic: second language 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' 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)

- Python: "Introduction to Programming with Python" and "Advanced Programming with Python"
- Haskell: "Introduction to Functional Programming" and "Functional Programming",
- "Computational Syntax"

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, CSE Hackathon 2019, LibreOffice Perugia HackFest 2017

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 job-related skills

GNU/Linux, Git, LaTeX

Hobbies

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