Arianna Masciolini

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🔗 github.com/harisont

🔗 arianna-masciolini-696a41139

EDUCATION

February 2022 - present

PhD student
Språkbanken, Göteborgs Universitet (Gothenburg, Sweden)

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"

PUBLICATIONS

August 2021

Arianna Masciolini and Aarne Ranta, "Grammar-Based Concept Alignment for Domain-Specific Machine Translation"
Published in Proceedings of the Seventh International Workshop on Controlled Natural Language (CNL 2020/21)

WORK EXPERIENCE

March 2021 - October 2021

Software Developer
Digital Grammars AB (Gothenburg, Sweden)

November 2019 - January 2022

Teaching Assistant
Department of Computer Science and Engineering, Göteborgs Universitet (Gothenburg, Sweden)
- Python: "Introduction to Programming with Python" and "Advanced Programming with Python"
- Haskell: "Introduction to Functional Programming" and "Functional Programming",

March 2017 - May 2018

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

OTHER RELEVANT EXPERIENCES

Personal projects
"Impara l'Haskell e mettilo da parte" (Haskell online videocourse), "Library" (open source Android app published on F-Droid), "Me-tadah!" (open source ebook metadata editor)

Hackathons
Code With Friends Fall and Summer 2020, CSE Hackathon 2019 (Göteborgs Universitet), LibreOffice Perugia HackFest 2017

Tutoring
Programming: Python and Kotlin
Languages: English and Latin

Translation
Volunteering for Khan Academy

SKILLS AND INTERESTS

Languages
Italian (native speaker), English (level C1), Swedish (level B2), Spanish (level B2)

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

Other job-related skills
Team work, GNU/Linux operating systems, Git

Other interests and hobbies
Photography, vocal music, reading, rock climbing, long distance running, cycling