



# Alfonso Piscitelli

PHD STUDENT

## Details

Salerno

Italy

[apiscitelli@unisa.it](mailto:apiscitelli@unisa.it)

NATIONALITY

Italian

DATE OF BIRTH

02/02/1991

## Links

[Linkedin](#)

## Skills

Ability to Work in a Team

Effective Time Management

Analytical and Problem-Solving skills

Communication Skills

Relational Skills

## Languages

Italian

English

## Hobbies

I enjoy travelling, cooking and reading books. I sometimes play tennis.

## Profile

PhD Student in Computer Science @**University of Salerno**. I've been working on research projects about *neural machine translation* applied to *programming languages*.

## Employment History

### PhD Student, University of Salerno, Salerno

NOVEMBER 2022

My research interests fall into Neural Machine Translation applied to Programming Languages, particularly *Neural Transpilers*; I've also researched about Multidimensional Languages and I've been working with the Computer Languages and User Experience Lab (Clue-Lab).

I've been supervised by Prof. Gennaro Costagliola.

### High School Teacher, Ministry of Education, Caserta

SEPTEMBER 2021

Planning, conducting and verifying teaching activities, based on ministerial guidelines for specific institutes.

### Full Stack Developer, ICT and More S.R.L. , Caserta

OCTOBER 2013 – AUGUST 2021

As Full-Stack Developer, I was involved, as a consultant, in several projects with different technology stacks, which I summarise in the following list:

- **Web:** I developed several web applications, both frontend (mainly Vue.js and React) and backend (mainly PHP, with Laravel and Symfony). I was also involved in a Joomla!-based project with the aim of developing some feature-rich plugins, modules, and components for the CMS.
- **Java:** I was involved in several Java projects based on Spring and Hibernate frameworks; in particular, I gained some experience with SAP Hybris, a SAP e-commerce product, in configuration and extensions.

### Tutor, University of Salerno, Salerno

MAY 2023 – SEPTEMBER 2023

Tutor for Bachelor Degree students attending **Web Programming** and **Programming and Data Structure** classes.

## Scientific Publications

### Assessing Carbon Footprint: Understanding the Environmental Costs of Training Devices

2024

Alfonso Piscitelli, Gennaro Costagliola, Mattia De Rosa

*Paper under review*

### Exploring Neural Machine Translation Techniques for Code Translation: A Literature review

2024

Alfonso Piscitelli, Gennaro Costagliola, Mattia De Rosa

*Paper under review*



## Speech Recognition in Healthcare: A Comparison of Different Speech Recognition Input Interactions, Conference Paper

2023

Eugenio Corbisiero, Gennaro Costagliola, Mattia De Rosa, Vittorio Fuccella, Alfonso Piscitelli, Parinaz Tabari

**Venue:** International KES Conference on Innovation in Medicine and Healthcare

## Education

### Computer Science Master, University of Salerno, Salerno

FEBRUARY 2016 — SEPTEMBER 2019

I graduated in Computer Science defending a research thesis entitled: *Multidimensional Languages. A new grammar specification for Multidimensional Languages.*

### Computer Science Bachelor, University of Salerno, Salerno

SEPTEMBER 2010 — SEPTEMBER 2013

### Inclusion of pupils with disabilities DM188 , S.O.F.I.A. Platform, Capua

DECEMBER 2021 — MARCH 2022

Course of 25 hours on Individual and Social Needs of the Student, School and Social Inclusion, run by the Ministry of Education through the S.O.F.I.A. platform.

## Programming Languages & Other Skills

**Programming:** Python, C, Java, SQL, GIT, PHP, Javascript

**Libraries:** OpenCV, Scikit-Learn, PyTorch, Keras, TensorFlow, NumPy, Pandas, Matplotlib, Streamlit, Spring, Hibernate, Symfony, Laravel, Node.js, React, Vue.