Alfonso Piscitelli

PHD STUDENT

Details

Salerno
Italy
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

High school teacher and PhD Student @ *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, Ministery 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 Pubblications

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.

21/02/2024