ARTIFICIAL INTELLIGENCE SOFTWARE ENGINEER

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I am a graduated Computer Scientist with a Master degree in Artificial Intelligence and job experiences as a Data Scientist, Deep Learning researcher, Software Engineer. I love to build smart applications that will have a good impact.

Languages: French (C2), English (B2), Italian(C2)

Education

2019-2021
(2 years)

École Polytechnique (France)
Master in Artificial Intelligence and Advanced Visual Computing
Main tools: *Python, C++, C#, R, MATLAB, Tensorflow, Pytorch, OpenAI*

2014-2017
(3 years)

University of Padova (Italy)
Bachelor's in Computer Science
Main tools: *C, C++, Qt, JAVA, Python, R, MATLAB, MySQL, XHTML, HTML5, XML, PHP, JavaScript*

Description

A research-oriented program with high-level scientific classes including two complementary branches, namely Artificial Intelligence and Visual Computing. The first branch takes into account statistical learning and data analysis, while the second looks at 3D computer graphics, virtual and augmented reality, multimodal interaction, computer vision and robotics.

This course of study of 3 years of computer courses and activities, while the rest concerns the mathematical knowledge indispensable for a computer scientist. Traditional topics include C ++ and Java programming, algorithms and data structures, databases and computer networks, wireless networks, web techs and IT security.

Experience

Mar 2022 - June 2022

Tech2Heal (France)
AI Software Engineer
Main tools: *Python, Scikit, Tensorflow, FAST API, GraphQL, FHIR*

Apr 2021 - Sept 2021
(6 months)

INRIA (France)
Deep Learning Researcher
Main tools: *Python, PyTorch, Scikit, Tensorflow*

Apr 2020 - Sept 2020
(6 months)

Amadeus SAS (France)
Data Scientist
Main tools: *Python, Scikit, Tensorflow, PySpark, PyTorch*

June 2018- Sept 2019
(1 year & 2 months)

SOGEA S.R.L (Italy)
Software engineer
Main tools: *C++, Qt, PostgresSQL*

Skills and Endorsement

In the role of Software Engineer and Data Scientist, my tasks are to research and develop digital solutions using AI technologies to automatize/monitor the patient's health state.

This internship was about finding correlation between wrong predictions of a Deep Neural Network classifier, and a group of its units. I proposed a framework to mine units' values correlated to the correct and wrong classifications, to detect future mispredictions.

The project was completed successfully and aimed to find a machine learning/deep learning model able to forecast the Customer Lifetime Value based on travelers' characteristics and purchase behavior.

Permanent job where my main tasks were to develop efficient desktop applications and build management systems for more than 100 customers of different industries. The biggest project I ever worked on, was about developing an efficient desktop and tablet application to automatize the clothes production processes of a fast-fashion multinational.

**Oct 2017-
Jan 2018**
(4 months)

Studio Com.unica (Italy)
Full-stack Web Engineer
Main tools: *Node.js, TypeScript, Angular, MongoDB*

Project contract as a full stack web engineer inside a startup. I brought my contribution to the project Mode in term of system design and dev.