FRANCESCO ZANOLI

SOFTWARE ENGINEER

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in francescozanoli

⭕ FrancescoZ

EDUCATION BACKGROUND

MSc in Computer Science and Engineering
POLITECNICO DI MILANO, ITALY
2016-2018

Grades: 107/110
Specialization in Artificial intelligence

Exchange program in Computer Science
HINDUSTAN UNIVERSITY, INDIA,
2017

Double degree in Industrial Engineering
ECOLE CENTRALE LYON, FRANCE,
2014-2016

TIME (Top Industrial Manager for Europe)

BSc in Computer Science and Engineering
POLITECNICO DI MILANO, ITALY,
2012-2016

Grades: 98/110

Secondary School Diploma in Industrial Engineering
ITIS BLAISE PASCAL, ITALY,
2007-2012
Grades: 100/100

SKILLS

C#, Elixir, Python, C, C ++, Java, Ruby, Javascript, HTML, Swift, PHP, SQL, **Docker**, **Kubernetes**, NodeJS, **React**, Webpack, **TensorFlow**, Keras, **GilabCI**, Azure DevOps, CosmosDB, Redis, **AWS,** Azure Cloud, Typescript

LANGUAGES

🇮🇹 Italian: Mother tongue

🇫🇷 French: Proficient, C2 Level, DALF cert

🇬🇧 English: Fluent, C1 Level

🇵🇹 Portuguese: Advanced

WORK EXPERIENCE

🛟 **Senior Software Engineer @ Onfido**
NOV/2019-PRESENT
LISBON, PORTUGAL
- Development of a micro-services environment for the biometrics verification product focusing on the maintainability and scalability.
- In charge of the creation of labelling and data generation tools, focusing on the maintainability and scalability of the product.

⭕ **Artificial Intelligence Software Engineer @ Vodafone**
SET/2018-NOV/2019 (1 YEAR)
MILAN, ITALY
- Development of a multi-channel ChatBot (TOBI) using Microsoft AI services.
- Creating the Vodafone Cloud Platform for AI.

🌴 **Research Engineer Intern @ AASDAP**
APR/2016-SET/2016 (6 MONTH)
SAO PAOLO, BRAZIL
- Creation of a C# Compiler to create, build and execute visual block coded programs.
- Handling interaction with external I/O: VR environment, humanoid robot, μs timers and iot devices.

🌀 **Full stack Developer @ Creatella**
APR/2015-NOV/2016 (1 YEAR)
SINGAPORE
- Design & Development of a strong and clean MVC platform to ensure maintainability, scalability and security.
- Management and development of a video chat based on REST API.

🔵 **Full stack Developer @ Quasar Free**
MAY/2011-NOV/2013 (2 YEAR)
CERVIA, ITALY
- Creation of a complex management system and CRM for hotels in C#.
- Programming of native applications for IOS and Android.

PROJECTS & PAPERS

⬇️ **Could DL in NN improve the QSAR models**
Academic paper on deep learning (Python)

CertiWine
IoT – Wine bottle certificator (Swift, NodeJs, C++)

⬇️ **T-Tox**
Academic paper & Master thesis on DL (Python)

RobotOne
Remote controlled tank robot (C#)

ABOUT ME

📷 Photography and travelling lover 🎾 Played tennis 12 years 👥 Partecipating in Deina