Federico Zappone

Date of birth: 1999

Nationality: Italian

Gender: Male

CONTACT

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ABOUT ME

Graduated in Computer Science UNIMOL - University of Molise Particular interest in distributed systems (DLT, Blockchain ecc.) Particular interest in Trading e Cryptocurrencies. Bash - Emacs - I use Arch (Linux) btw.

WORK EXPERIENCE

20/10/2022 – CURRENT – Isernia, Italy

Co-Founder

Just Another S.R.L.

15/04/2022 – CURRENT – Rome-Isernia, Italy

CTO

BB-Smile

Chief Technical Officer

01/09/2019 – CURRENT

Blockchain - Hyperledger Fabric

Avanguard

- Creation of a Blockchain thanks to the Hyperledger Fabric platform.
- Management of Network elements.
- Deploy the Blockchain and create scripts for automatic base deployment.
- Chaincode development.
- Creation of servers in NodeJS and REST API for interfacing with the Blockchain.

Address Isernia, Italy

01/03/2019 – 01/03/2020

Site for Public Administration

UNIMOL - University of Molise

Being part of the group occupied with:

- Designing the structure of the site.
- Wordpress environment configuration.
- Actual creation of the site
- Plugins management and creation.
- Wordpress environment performance optimization.
- Creation of Plugins for generation of personalized itineraries thanks to the use of Machine Learning techniques.

Address Isernia, Italy

EDUCATION AND TRAINING

01/09/2017 – CURRENT – Pesche, Italy

Bachelor's degree in Computer Science and Technology

Unimol - University of Molise

Address Contrada Fonte Lappone, Pesche, Italy | **Website** https://www.unimol.it/

01/09/2020 – CURRENT – Pesche, Italy

Master's Degree Software Systems Security

Unimol - University of Molise

Address Contrada Fonte Lappone, Pesche, Italy | **Website** https://www.unimol.it/

PUBLICATIONS

The Genesy Model for a Blockchain-Based Fair Ecosystem of Genomic Data

2020 https://doi.org/10.3389/fbloc.2020.483227
Frontiers Blockchain

Genesy is an innovative blockchain platform that processes genomic data, facilitating research and safeguarding user privacy. This result is obtained by exploiting blockchain technology's capabilities to notarize data and prevent their unauthorized use, and at the same time to make them objects of possible transactions between different parties. Looking ahead, the Genesy model can be generalized to promote an ecosystem, and a fair market, for all types of biomedical data.

What is your Distributed (Hyper)Ledger?

2021 https://www.researchgate.net/profile/Remo-Pareschi/publication/350013522_What_is_your_Distributed_HyperLedger/links/604b62da299bf1f5d8417324/What-is-your-Distributed-HyperLedger.pdf
Emerging Trends in Software Engineering for Blockchain WETSEB 2021 - ICSE 2021

Hyperledger is an open-source project supported by the Linux Foundation that focuses on the development of distributed environments. Hyperledger includes a series of Distributed Ledger systems that can be used according to their needs. In the article are analyzed the fundamental aspects of the main projects and how to identify the one that best meets your needs.

Integrating Heuristics and Learning in a Computational Architecture for Cognitive Trading

2021 https://arxiv.org/pdf/2108.12333.pdf
Elgar - AI and Behavioral Finance

The article provides an overview of the design of effective automated effective automated trading and the consequently applicable solutions. The goal is to unite trading with two methodological and technology that, although both deeply rooted in the disciplinary field of artificial intelligence, have so far taken separate paths: heuristics and learning.

PROFESSIONAL SKILLS

Professional skills

Professional skills:

- Distributed Ledger Technologies and Blockchain.
- Blockchain development frameworks such as Hyperledger Fabric, Hyperledger Composer and IBM Blockchain Platform.
- Financial markets particularly in the cryptocurrency market.
- Technical and fundamental analysis tools in the context of trading.
- Mining of cryptocurrencies and related tools (ASIC, RIG).
- Mastery of various GNU/Linux distributions (Arch Linux, Ubuntu, Ubuntu Server, RedHat, CentOS etc.).
- BASH language, server machine management and scripting.
- Versioning tools (Git, GitHub, GitLab).
- Scripting languages such as Python, Javascript, Ruby, R, Bash (POSIX).
- Web application development (PHP, NodeJs, Javascript, Typescript, HTML, CSS, SCSS, etc.).
- Web development frameworks (Angular, React, Vue, Ionic etc.).
- RESTful APIs.

- Event-driven programming (Socket.io).
- Relational and non-relational databases (MySQL, PostgreSQL, MongoDB. CouchDB, SQLite).
- Machine learning techniques (Machine learning) for big data analysis (Python, R language).
- Web application development via CMS (Wordpress, Ghosts and creation/management of related plugins).
- Mobile application development (Hybrid and native - Ionic, Android).

Idependent projects
- Framework/system development for creating automated trading strategies.
- For other projects visit: https://github.com/ZappaBoy

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

OTHER LANGUAGE(S):

English

Listening	Reading	Spoken production	Spoken interaction	Writing
C1	C1	B2	B2	C1

DRIVING LICENCE

- **Driving Licence:** AM
- **Driving Licence:** A1
- **Driving Licence:** B

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Isernia, 10/11/2022