



Marco Mazzone

Blockchain Software Engineer



About me

My main interests are Blockchain and Finance. I strongly believe they flow together in symbiosis. In fact, Blockchain was conceived with many financial concepts in mind; at the same time, traditional mechanisms in Finance could be enhanced by Blockchain technology. My motto is "don't trust, verify".



Programming Languages

Python • Java • Typescript •
Javascript • Shell



Soft Skills

- Effective communicator
- Fast and adaptive learner
- Capacity of abstracting complex problems

Work Experience



BLOCKCHAIN SOFTWARE ENGINEER

Conio Inc. | September 2019 -

- Worked on several Blockchain projects for important financial institutions all over the world
- Responsible for implementing a scalable multi-sig wallet to manage digital assets on the Algorand blockchain
- Implemented a Threshold Signatures cryptographic library
- Technology stack: Python • Kafka • Redis • PostgreSQL • Elasticsearch • ECDSA and EdDSA cryptography • Docker • Git

Publications and Research



Mazzone, M., Di Nicola, V., & Corradi, A. (2021). Performance evaluation of permissioned blockchains for financial applications: The ConsenSys Quorum case study. *Blockchain: Research and Applications*, 100026, <https://doi.org/10.1016/j.bcr.2021.100026>.

Academic Background



ALMA MATER STUDIORUM - UNIVERSITÀ DI BOLOGNA

MSc - Computer Engineering (magna cum laude)
2017 - 2020

- Thesis work: "Systematization of Blockchain Technologies and Distributed Consensus Algorithms in Permissioned Blockchains: applicability and performance analysis"



UNIVERSITY OF CALIFORNIA SANTA CRUZ

Graduate Exchange Student - Computer Science
September 2018 - March 2019

- Accomplished classes: • Distributed Systems • Artificial Intelligence • Computer Graphics • Data Visualization • Technology and Information Management



ALMA MATER STUDIORUM - UNIVERSITÀ DI BOLOGNA

BSc - Computer Engineering (magna cum laude)
2014 - 2017