



Antonino Iaria

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WORK EXPERIENCE

14/02/2024 – 31/10/2024 Università degli Studi di Pisa, Italy

RESEARCH SCHOLARSHIP CONSORTIUM GARR

Design and development of *SINCERO*, a SSI and blockchain based system for managing universities' certifications

01/04/2023 – 02/2024

RESEARCH SCHOLARSHIP UNIVERSITÀ DI ROMA LA SAPIENZA

Research grant/scholarship related to the project "Giustizia Agile - For a fair justice: innovation and efficiency in judicial offices."

- Development of a graphical interface for the AIDA Smart Manufacturing project.
- Development of a 3D simulation for the "Fustella 4.0" project.

05/2022 – 12/2022 Roma, Italy

SALES ASSISTANT SOLARA GARDEN CENTRE

Management, consultancy, sales support, after-sales service, and course assistance at the Weber Store in Rome.

01/01/2021 – 30/05/2021 Roma, Italy

INTERNSHIP GIASIL SRL

Analysis of Algorand and Ethereum blockchains, with subsequent creation of a crude Decentralized Application for the decentralized management of auctions/tenders by means of smart contracts.

In-depth technologies: *Solidity, Reach/Algorand, Truffle, Ethers.js, HardHat, Ethereum Virtual Machine.*

EDUCATION AND TRAINING

01/11/2024 – CURRENT Bologna

PHD CANDIDATE IN LAW SCIENCE AND TECHNOLOGY Alma Mater Studiorum - Università di Bologna

10/2022 – 22/10/2024

MASTER'S DEGREE IN ENGINEERING IN COMPUTER SCIENCE Università degli Studi Sapienza

2018 – 2022

BACHELOR'S DEGREE IN COMPUTER ENGINEERING Università degli Studi Roma Tre

Thesis Blockchain-based civil engineering contract negotiation

2013 – 2018

HIGH SCHOOL DIPLOMA Liceo Scientifico Statale Antonio Labriola, Applied Sciences major

LANGUAGE SKILLS

Mother tongue(s): **ITALIANO**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

C# | C++ | Java | JavaScript | Solidity | C | Python | Kathará | HTML | CSS | OpenSSL | Google Cloud Platform | Linux | FreeBSD | Docker | Truenas | Adobe Premiere | Android Application Development (Android Studio) | Unity | Blender | Kotlin | Vue | OpenGL - Basics | Tensorflow

DRIVING LICENCE

Driving Licence: A1

Driving Licence: B

HOBBIES AND INTERESTS

Projects and similar

- Design and implementation of Ethereum and Decred blockchain verifier nodes (2016-2019):
 - 1. Good knowledge of "Proof of Work" blockchains
- Design and implementation of Chia blockchain validator node (2020-2021):
 - 1. Good knowledge of "Proof of Time" blockchains
- Development of a mobile application for Android devices using Unity software (2021)
- Design and automation (theoretical) of a bowling alley using TwinCAT, iFIX, OPC UA and Visual Studio software (2021)
- Design and construction of a NAS/Media Server using Truenas core/scale(2022-2023)
 - 1. Basic knowledge of FreeBSD, iocage and Docker
 - 2. Basic knowledge of SAMBA, FTP, SSH, certificati TLS, OpenVPN, ZFS, RAID
- *Byzantine Fault Tolerance Consensus among Stellar Blockchain* (2023)
 - Study of the state of the art of the Stellar blockchain {[|ENG| Literature Review](#)}
- *ServiceBay, the decentralized marketplace you can trust* (2024)
 - Blockchain and DLTs M.Sc exam project about a DApp on Ethereum, {[Repository](#) | [Report](#)}
- NAS/Media Server migration to Unraid platform (2023)
 - 1. Medium knowledge of WireGuard, DDNS, nextcloud and MariaDB

Relevant conferences

1. Crypto Expo Europe Bucharest (3rd-4th March 2023)
 - Attendance at the event
2. Spaghetth.eth II Naples (24th-26th May 2023)
 - **voluntary activity**
3. Algorand Italy Community Meetup (14th July 2023)
 - Attendance at the event
4. ETHRome Hackathon(6th-8th October 2023)
 - International hackathon participation
5. EBSI Ecosystem Day (7th May 2024)
 - Attendance at the event
6. Algorand's Decipher 2024 (26th and 27th June 2024)
 - Attendance at the event

CERTIFICATIONS

01/12/2023

Preparing for Google Cloud Certification: Cloud Engineer

Link <https://www.coursera.org/account/accomplishments/specialization/certificate/6JJN5XJENSXX>