Bruno Cataldi

WORK EXPERIENCE

Rome, Italy
VOLUNTEERING LIBERA

EDUCATION AND TRAINING

01/10/2018 – 20/07/2021 Rome, Italy
BACHELOR DEGREE IN ENGINEERING IN COMPUTER SCIENCE University of Roma Tre

- data science
- programming languages (Java, C#, C)
- basic courses of Analysis, Chemistry, Physics and Electronic
- risk assessment on an industrial level

Website https://www.uniroma3.it/ ｜ **Field of study** Engineering, manufacturing and construction ｜ **Final grade** 110 ｜

Level in EQF EQF level 6 ｜ **Thesis** Valutazione di un sistema di Entity Resolution basato su tecniche di Deep Learning

09/2013 – 06/2018 Rome, Italy
HIGH SCHOOL DIPLOMA Liceo Scientifico Labriola

Website https://www.liceolabriola.edu.it/

01/10/2021 – 31/01/2024 Rome, Italy
MASTER DEGREE IN ENGINEERING IN COMPUTER SCIENCE Sapienza University of Rome

- Distributed ledgers technologies and blockchain
- Cybersecurity both on an industrial and a technological level
- Articficial Intelligence and Machine Learning
- Internet of Things and its applications
- Management of complex databases

Website https://www.uniroma1.it ｜ **Field of study** Engineering in Computer Science ｜ **Final grade** 107 ｜

Level in EQF EQF level 7 ｜ **Thesis** Multi-Contract Analysis to Detect Frontrunning Vulnerabilities in Ethereum

LANGUAGE SKILLS

Mother tongue(s):   **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
FRENCH	A1	A1		A1	A1

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

DIGITAL SKILLS

C# ｜ C ｜ Java ｜ Python ｜ Solidity ｜ HTML ｜ CSS ｜ Ethereum ｜ Linux ｜ Docker ｜ Adobe Premiere ｜ Android app development (Android studio) ｜ Unity ｜ Blender

ADDITIONAL INFORMATION

DRIVING LICENCE

Driving Licence: A1

Driving Licence: B

HOBBIES AND INTERESTS

Progetti e affini
- Development of a mobile app for Android devices through software Unity (2021)
- Digital realization and automation of a bowling system trough software TwinCAT, iFIX, OPC UA and Visual Studio (2021)
- Study on the Carbon Market initiative through Blockchain regarding ZeroSIX and Coora (2023)
- Development of small circuit boards compatible with RP-2040 systems

Basic knowledge on mobile app development through Android Studio.
Above average knowledge on development of smart contracts trough Solidity.