

INITIATION TO BLOCKCHAINS



During this 1.5-day training to blockchains, students will discover the multiple concepts behind blockchains and crypto-currencies, and will understand why blockchain has become one of the most popular technologies. After exploring the history of the main blockchains and their applications, they will participate to several workshops where they will interact with blockchains, their tokens and smart contracts.

INFORMATION

Price: 1950 EUR/pers. excl. taxes

Duration: 1.5 days

Practice: 20%

Public

Any Public



Pre-requisites

Office Computer



Pedagogical Objectives

- Understanding theoretical concepts behind Blockchains
- Understanding the differences between main blockchains
- Interacting with Blockchains, Tokens and Smart-Contracts
- Understanding the main concepts of Distributed Finance and NFTs

Langages

French



English



Result Indicators

- Mean satisfaction score: 18.5/20
- Taux de réussite: 100%

CONTACT

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TRAINERS

Artemiy Rozovyk (Blockchain)

Artemiy est ingénieur R&D chez OCamlPro depuis 2021, spécialisé sur les blockchains. Artemiy a développé plusieurs applications en Solidity pour les blockchains Everscale et Avalanche, dont le prototype d'un site de minting de NFTs pour une startup.

Steven De Oliveira (Blockchain)

Steven est ingénieur R&D chez OCamlPro depuis 2018, après une thèse de doctorat sur la théorie des langages de programmation. Steven a contribué à la blockchain Dune Network le langage Love, pour la programmation des smart contracts, puis diverses améliorations d'une implantation du langage Solidity, avant de s'intéresser au développement de smart contracts sur la blockchain Everscale.

TRAINING PROGRAM

An History of Blockchains : from Bitcoin to DeFi and NFTs

- The fundamental concepts
- From blockchain to crypto-currencies
- From energy-expensive mining to green validation
- Ethereum, smart contracts and web3 applications
- Confidentiality and anonymity on blockchains
- Main applications of blockchain

Using and Interacting with Blockchains

- ICO (Initial Coin Offering) as a way to fund projects, whitepapers
- The tools of a blockchain
- Wallets, Hardwallets, Metamask et Ledger
- Block Explorers
- Exchanges (Binance, Coinbase, etc.)
- Applications of the blockchain
- Creating our own crypto-currency
- Tokenising resources
- Non-fungible tokens (NFTs)
- Evaluating the value of a blockchain/token

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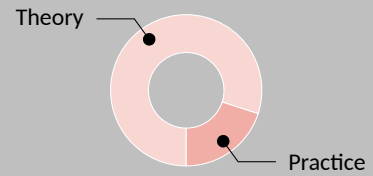
Decentralized Finance (DeFi)

- Stables coins (USDT, USDC, etc.)
- Staking and its benefit ratio
- DEX, Decentralized EXchanges, Uniswap
- Advanced tools (lending, liquidity pools, etc.)

Practical Use Cases

- Playing with a webapp and doing a first transaction on a blockchain
- To buy and sell tokens on an exchange

THEORY VS PRACTICE





EVALUATING PROGRESS

We make the progress of our trainees and its evaluation a core aspect of our courses. Indeed, guaranteeing the durable acquisition of the skills at hand is key, especially for the newer comers. To that extent, we will have trainees undergo tailored group works, exercises and hands-on practice which modalities can all be customised to your specific needs.

At the end of the course, you will have an opportunity for feedback to help us improve upon our methods. This is crucial as we believe there is always room for learning on both sides of the desk and no opinion other than yours matters more for us to do so.

CONSIDERING RQTH(RECOGNITION OF HANDICAPPED WORKER STATUS)

If people with disabilities are part of the course, do reach out to us so we can adapt the training accordingly.

PEDAGOGICAL RESSOURCES

The ressources are written by the OCamlPro team prior to the courses. Documents are generally written in english and can be translated to french if need be.

FUNDING RESORTS IN FRANCE: OPCO AND CPF

The funding of the training by the OPCO is possible as OCamlPro has received the Qualiopi certification. The two following conditions must then be attained:

- The funding must cover all expenses relative to the course.
- The funding agreement must get to us five days prior to the training session at the latest.

INTER CORPORATION TRAININGS

Les horaires pour nos formations inter-entreprises in-situ sont :
Start - 9:30AM Lunch Break - 12:00PM to 01:00PM End - 05:30PM