COLOMBIA POTENCIA DE LA VIDA

TIC

BOOTCAMP BLOCKCHAIN

INTEGRADOR- Módulo 1

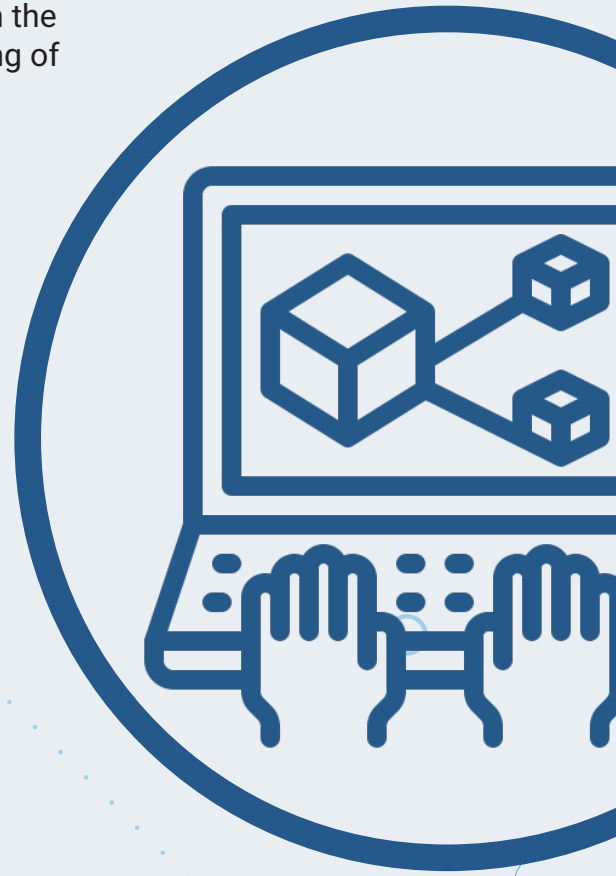
TALENTO TECH | AZ PROYECTOS EDUCATIVOS | UTP Universidad Tecnológica de Pereira

Contextualización de mis aprendizajes

In this comprehensive module, participants will delve into a diverse range of fundamental blockchain-related concepts, with a particular focus on the nuanced realm of security measures, vulnerabilities, and audits within the context of smart contracts. The program places substantial emphasis on fostering a holistic understanding of both frontend and backend development aspects intrinsic to decentralized applications.

By bridging the gap between user experience, interface design, and the intricate backend logic that propels these systems, learners will acquire a well-rounded skill set crucial for navigating the complexities of blockchain technology. Additionally, the module introduces participants to the pivotal concepts of tokens and crypto assets, shedding light on their digital characteristics and fungibility.

Exploring the dynamics of Initial Coin Offerings (ICOs) and Security Token Offerings (STOs) will be central to this learning experience, providing participants with a comprehensive overview of these essential elements within the dynamic landscape of blockchain and cryptocurrency domains.



Objetivo general

UNIDAD 3

Explore and comprehend the multifaceted aspects of security measures, vulnerabilities, and audits related to smart contracts in blockchain technology.

Bridge the gap between frontend and backend development, acquiring skills essential for creating decentralized applications with a focus on user experience, interface design, and backend logic.

Competencias a desarrollar

- •Linguistic competence.
- •Pragmatic competence.
- •Sociolinguistic competence.
- •Topical Competence.

C1. Linguistic Competence: Acquire proficiency in understanding and employing essential blockchain terminology, concepts, and historical contexts related to cryptocurrencies.

2. Pragmatic Competence: Develop practical skills in applying cryptographic principles, particularly those influencing secure transactions within blockchain networks.

3. Sociolinguistic Competence: Gain insights into the historical context of cryptocurrencies, particularly the influence of Satoshi Nakamoto, and understand the societal implications and controversies surrounding blockchain applications in various domains.

4. Topical Competence: Attain a deep understanding of crucial blockchain-related concepts, terminologies, and the historical context of cryptocurrencies, aligning with the exploration of cryptography in blockchain.

Unit 3

Tiempo de ejecución: 4 horas

PLANTEAMIENTO DE LA SESIÓN

1) Socialize the technology idiom of the day.
2) Discuss questions previous to the reading activity.
3) Socialize key words about "NICK SZABO"
4) Reading comprehension #1: "NICK SZABO"
5) Kahoot activity
6) Socialize key words about "What Are Smart Contracts on the Blockchain and How They Work"
7) Reading comprehension #2: "What Are Smart Contracts on the Blockchain and How They Work"
8) Inference multiple choice activity.
9) Socialize key words about "10 Real-World Smart Contract Use Cases"
10) Reading comprehension #3: "10 Real-World Smart Contract Use Cases"
11) True/False activity.
12) Watch the Video "How Smart Contracts Will Change the World"
13) Video comprehension activity: multiple choice questions.
14) True / False activity.

MATERIALES

•Reading: "NICK SZABO"

https://blockchainjungle.com/es-cr/-blogs/oradores/nick-szabo

•Kahoot activity:

https://create.kahoot.it/detail-s/32e04ea9-8870-4f-ca-a2a6-9d1f48f8ca72

•Reading: What Are Smart Contracts on the Blockchain and How They Work

https://www.investopedia.com/ter-ms/s/smart-contracts.asp

•Reading: 10 Real-World Smart Contract Use Cases

https://hedera.com/learning/s-mart-contracts/smart-con-tract-use-cases

•Video "How Smart Contracts Will Change the World"

https://youtu.be/pA6CGuXEKtQ?-si=o6YR1J4Ivne5ps49

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