Poštovani studenti,

Kompanija INERY vas poziva da se prijavite na tromesečnu obuku za blokčejn tehnologije.

Formular za prijavu je na https://inery.io/careers/#education

Prilikom prijave važno je da studenti izaberu državu Srbiju i grad Čačak. U polje Programming languages uneti programski jezik koji student najbolje poznaje.

Na prvih 6 časova obuke mogu da prisustvuju svi studenti koji se budu prijavili u datom roku.

Nakon toga sledi selekcija kandidata za nastavak obuke.

Rok za prijavu je do petka 10. marta do ponoći.

Content of the training

1. **Introduction to blockchain** – 6 casova

    - What is blockchain?

    - Blockchain and the issue of trust

    - Current applications of blockchain technology

    - Software architecture with blockchain

    - Blockchain business opportunities

2. **Etherium bases (Main, BNB, Matic network)** – 6 casova

    - Introduction to Ethereum VM

    - Metamask

    - Main, BNB, Matic network

3. **Smart contracts – Solidity – Truffle** – 16 casova

    - Introduction to Smart Contracts

    - Compilation and migration Smart Contracts

    - Truffle

    - Introduction to Remix

    - Interaction with the blockchain

    - Writing Smart contracts in Solidity

- Solidity – data types

- Global variables

- Solidity functions – events

4. **WEB3 – Decentralized web** – 6 casova

- Decentralized applications and integrations

- Introduction to Web3

- Writing Web3 aplication

5. **Project – Coding** – 4 casova

- Writing your own Web3 application

- Implementation of the blockchain application

- Project presentation and test

6. **Blockchain Ecosystem** – 6 casova

- What is blockchain and how does it works?

- P2P network

- Asimetric Encyption

- Eliptic curve and sha256 algorithm

- Transactional system

- Virtual Machine

- WASM and ABI

- Consensus Mechanism

- Self Delegated Proof of Equal Stake

- Master Nodes and Block Production

- Accounts and permissions

- Master Accounts

- Memmory distribution

- Clients and blockchain consumers

- Other Nodes

- Lite Nodes

- Observer Nodes

- Data Extraction

- Blockchain API

7. **Value Contracts - Decentralized database** – 6 casova

- Value contract as Database Model

- Contracts, Tables and Actions

- Core of Inery Contract Develpoment Toolkit Library

- Develope Dapp using inery Blokchain infrastructure

8. **Final project** - /

- Final project presentation and test

WEB3 EDU powered by Inery Blockchain