

DENYS DATSKOV

Blockchain/solidity developer

Khmelnytskyi, Ukraine

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🌐 [sh3ifu](#)

🌐 [denys-datskov](#)

Interested and ambitious blockchain developer with experience in JavaScript, Python and Solidity with a deep understanding of smart contracts and consensus algorithms. I aspire to participate in projects aimed at creating decentralized financial solutions.

EDUCATION

2020-2023

Computer sciences

Institute of Computer Science and Information Technologies(ICSIT), department of Automated Control Systems(ACS), specialty Computer Sciences(CS), Lviv Polytechnic National University
BACHELOR'S DEGREE

2016-2020

Computer engineer

Speciality Computer Engineering, Khmelnytskyi Polytechnic College
JUNIOR SPECIALIST

PROFESSIONAL SKILLS

- **Main programming languages**

Python, JS, Solidity

- **Blockchain Technologies**

Solid understanding of Bitcoin and Ethereum blockchain architectures.

- **Smart Contract Development**

Proficient in writing, testing, and deploying smart contracts using Solidity, Ganache, and Hardhat, mocha and chai.

- **Decentralized Finance**

Familiarity with various DeFi protocols, including lending, staking, and DAOs.

- **Web3 Integration**

Hands-on experience with ethers.js for interacting with blockchain networks.

- **Token Standards**

Knowledgeable in ERC-20 and ERC-721 token standards, with experience in designing and implementing token contracts.

PROJECTS

- **Decentralized Exchange**

Created DEX inspired by the principles of Uniswap v1. Implemented a constant market maker, liquidity pools and ERC-20 token exchange. Implemented an auction mechanism that allows users to bid in a specific token. The winner is the participant with the highest bid at the end of the auction. Technologies used in this project: React, Solidity, Hardhat, Ganache, ethers.js.

[Video](#) [Github](#)

- **NFT Marketplace**

Developed an NFT marketplace enabling users to mint, buy, and sell non-fungible tokens. Implemented smart contracts for minting NFTs with unique metadata stored on IPFS. Designed the marketplace to handle token listings and transactions on the Ethereum blockchain, allowing users to set fixed prices for their NFTs. The project operates on the Ethereum Sepolia testnet, making it accessible for anyone to test. Technologies used in this project: React, Solidity, Hardhat, IPFS, ethers.js, mocha, chai.

[Video](#) [Github](#) [Link to website](#)

- **Cryptocurrency Blog**

Personal blog about cryptography and blockchain

[Link](#)

- **Translation of Ethereum Documentation**

Contributed to the Ethereum community by translating official documentation into Ukrainian language. This work involved making technical information accessible and understandable for non-English speaking developers and users, helping to broaden access to Ethereum resources.

CERTIFICATES

2021	Cisco: PCAP - Programming Essentials in Python
2019	Cisco: IT Essentials: PC Hardware and Software Cisco: Introduction to Cybersecurity

LANGUAGES

English - intermediate

Ukrainian - native