

Jongwon Park

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science, Computer Science

Aug 2021 – May 2024

Illini Blockchain, OutlierDAO

EXPERIENCE

Diffuse Inc.

May 2022 – Present

Jr. Trader & Developer

- Actively deploy an eight-figure client fund in DeFi lending/staking protocols with other traders.
- Develop a proprietary trading tool to manage market exposure with on-chain money markets and derivatives.
- Spearhead the due diligence system to analyze protocol & bridge mechanisms and smart contract codebases.

UIUC Disruption Lab, Blockchain

Sep 2021 – Present

Technical Lead

- Lead a team of six to develop production-ready Web3 dApps using React.js/Redux for various clients.
- Spearhead the development of a LinkedIn-like NFT-centric website and an NFT marketplace from scratch.

Runtime Verification Inc.

May 2022 – Aug 2022

Blockchain Engineer Intern

- Audited NFT smart contracts (ERC-721/1155) and wrote Foundry property tests for popular NFTs.
- Executed PMF research on cross-chain NFT security and validation with external clients/protocols.

MYTY, OFF Live

May 2022 – Aug 2022

Blockchain Engineer Intern

- Created a token-gated Zero Knowledge voting project using Semaphore and Solidity for MYTY PFP users.
- Developed Web3 interfaces for MYTY Kit with tools around AWS EC2, DynamoDB, Lambda, and Gateway.

PROJECTS

Nordle: Random Generative NFT | Web3 ATL Hackathon

Nov 2022

- Developed an NFT minting system on OpenAI's DALL-E and Chainlink VRF randomness. Utilized IPFS and Chainlink Any API for dynamic minting of singular words. Awarded the *Best Integration of Chainlink*

xHolas & xAbelian | xHack Chicago

Oct 2022

- Created a composable, cross-chain DeFi tx builder with one-sign execution (xHolas) and a multi-chain state synchronizing NFT with DNS (xAbelian) with Wormhole. Awarded the *Best Integration of Wormhole*

The Merge Mosaic

Aug 2022

- Invented a hybrid, 500x500 NFT canvas for anyone to color & own on-chain pixels to celebrate the *Merge*.
- Coordinated with four devs to build a robust Web3 app to facilitate the coloring & bidding of pixels.

zkSNARK KYC Soulbound | ETHNewYork

Jul 2022

- Developed a platform to verify & upload KYC information as zk-SNARK on Soulbound tokens.
- Awarded *1st* in WalletConnect's DeFi Track and *Notable Project* by WorldCoin.

SKILLS & INTERESTS

Language: Solidity, Rust, JavaScript/TypeScript, Node.js/React.js, Python, C++, SQL, Bash

Interests: DeFi, AMM, MEV, gas optimization, EVM opcodes, Yul, contract security (formal verification)