

Jongwon Park

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EDUCATION

University of Illinois at Urbana-Champaign

Aug. 2021 – May 2024

Bachelor of Science, Computer Science

- Courses: ODE & PDE, Abstract Algebra, Abstract Linear Algebra, Statistical Analysis, Probabilities, DS&A

EXPERIENCE

Diffuse Inc.

May 2022 – Present

Jr. Trader & Developer

(remote) Chicago, IL

- Actively deploy an eight-figure client fund in DeFi lending/staking protocols with four traders.
- Lead the development of a prop trading tool to manage market exposure with on-chain money markets and options & perps on L2s.
- Achieve over 40%+ annualized ROI on seven-figure capital with delta-neutral (slight gamma-exposed) positions.
- Spearhead the due diligence system to analyze protocol & bridge mechanisms and smart contract codebases.

University of Illinois | Alexa SimBot Challenge

Dec. 2021 – Present

Research Assistant

Urbana, IL

- Explore various NLP and CV models for multimodal learning and fine-tune large models for testing.
- Manage core cross-region AWS infra for training and inferences on 200GB+ dataset by eight researchers.

MYTY, OFF Live

May 2022 – Aug. 2022

Blockchain Engineer Intern

(remote) South Korea

- Coordinated with senior dev to develop smart contract systems for NFT-Metaverse PFP startup.
- Developed Web3 interfaces for MYTY Kit with tools around AWS EC2, DynamoDB, Lambda, and Gateway.

PROJECTS

GraDeFi: EVM data analytics | *Python, Rust, Solidity, GraphQL*

Jun. 2022 – Present

- Set up an automated pipeline to process the influx of EVM chain data on local and AWS servers.
- Experiment with hypothesis tests and ML to combine latent variables and extract meaningful trends.

Hummingbot: Market Making | *Python, Solidity, Node.js*

Jul. 2021 – Nov. 2021

- Achieved 20%+ annualized ROI by making markets in low-volume crypto exchanges with modified open-source Hummingbot.
- Developed a rebalance mechanism using options to hedge against inventory risk via Deribit.

Continual BERT: Summarizing COVID-19 literature | *Python, PyTorch, NumPy*

May 2020 – Aug. 2020

- Invented a new BERT structure that utilizes Elastic Weight Consolidation with Fisher matrix to summarize lengthy COVID-19 research literature through long timeframes.
- Published a pre-print on arXiv with 9 citations, received “Promising idea with a weak evaluation” on *EMNLP*.

SKILLS & INTERESTS

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

Technologies: AWS, Git, PyTorch, SOTA NLP, Blockchain, Linux/CentOS, Docker