J (he/him/his)

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PROFESSIONAL EXPERIENCE

Amazon Inc., Software Engineer | Bellevue, Washington, USA   July 2021 – Now

- Developed AWS-based micro-services for processing logistics data. Tech stacks: DynamoDB, Lambda, Step Functions, SQS, SNS, CloudFormation
- Performed day-to-day operations on production systems. Ensured service availability by being on an on-call rotation.

iRevo Multimedia, Software Engineer Intern | Sunnyvale, California, USA   August 2020 – December 2020

- Developed a Web-based video conference application using React, WebRTC, WebGL and Tensorflow.js.
- Researched and implemented machine learning-based media processing features: face tracking, hand gesture tracking, background removal, and noise suppression.

Netease Games, Game Developer | Guangzhou, China   July 2018 – May 2019

- Shipped Cyber Hunter, a multi-player game on iOS/Android for over 20 million global players. Peaked 1 million daily active users.
- Implemented gameplay features in Python and game engine features (game physics and 3D assets loading) in C++.
- Optimized performance bottlenecks in Python and C++. Reduced server memory usage by 60% and boosted frame rate by 15%

CRYPTO / WEB3 EXPERIENCE

Long-tail MEV searching

- Wrote custom smart contracts and Node.js execution scripts to perform arbitrage in Frax Finance, Alpha Finance, Pendle
- Performed DEX-CEX arbitrage on several EVM chains and Cosmos chains (Crescent, Juno)
- Over 200K USD profits so far

Godmode Watcher - A real-time transaction monitoring tool

- Developed a Telegram bot for monitoring smart money activities, including token transfers, DEX trades, NFT trades and NFT minting
- 30~60s faster than Nansen.ai. Actionable signals have earned me over 100K USD profits.

Taidl.me - A cryptocurrency payment app based on xDai

- Led a team of two developers and one UX designer to build a cryptocurrency payment mobile app using React Native.
- Won first place in ETHPlanet Hackathon (China, 2020) and presented at Apache Roadshow.

An anonymous DeFi farming project

- Built website frontend and smart contracts for LP farming, single token farming and merkle tree airdrop
- Reached 2.5k token holders. Token was listed on Uniswap, Quickswap, and BigOne exchange

WePiggy community volunteer

- Translated whitepaper and project analysis from English to Chinese. Published in several top Chinese crypto news sites.

EDUCATION

Master of Science in Computer Science   August 2019 – May 2021
Specialization: Computer Graphics, Human-computer Interaction

Georgia Institute of Technology, Atlanta, Georgia, USA

Bachelor of Science in Physics   September 2014 – June 2018
Specialization: Computational Physics

Peking University, Beijing, China