

SAM PINK

Director at Metaverse Holdings Limited

✉ spink@metaverseholdings.tech

☎ 07711233287

📍 London

🌐 [LinkedIn](#)

🐦 [Twitter](#)

🔗 [Github](#)

🌐 [spink.eth](#)

SUMMARY

I am the director of Metaverse Holdings Limited, a company who is developing an NFT price prediction dapp, while also working in the web2 data contracting space. With 4 years of experience as a software engineer I have developed the skill set required to solve a large range of problems, from migrating email servers in a multinational corporation, to building a web3 startup.

ACHIEVEMENTS

ETHGlobal Amsterdam 2022 hackathon prize winner

- My team won 2nd place for the UMA sponsorship prize
- Worked on a team of 5 hackers to create a project named Parto, built as a web3 alternative to a record label to allow the artists to tokenise their songs as an ERC20 token
- Utilised 2 different web3 tools; SuperFluid, as a way to allow constant streaming of rewards back to token holders and UMA, as an Oracle to allow the blockchain to receive song streaming data. The number of streams was then used to calculate the value of the rewards.

NFT market insights tool using Machine Learning

📅 Aug 2021 - current

- Utilised the OpenSea API to collect NFT data, creating a live feed of events such as sales and listings for a given set of NFT collections
- Applied machine learning algorithms using Python to identify the relationship between traits (NFT Metadata) and sales, to produce a model that can accurately predict the value of an item in the collection.

WORK EXPERIENCE

Data Engineering contract

Metaverse Holdings Limited

📅 March 2022 - current 📍 London

- Worked with client translate business needs into actionable data dashboards, allowing the client to identify issues in the existing data pipelines across 100,000 weekly events

SKILLS

- Working as a part of a team in global enterprises and startups
- Outside of the box thinking and quick to find solutions
- Extensive knowledge of Web3, Blockchain, Smart Contracts and NFT's
- Python (Dash, Flaks, Pandas, sklearn)
- Azure (Application deployment, Cloud computing, Docker)
- Machine Learning Classification
- Database Design (SQL, noSQL)

EDUCATION

Computer Science

[University of Reading](#) | Bachelor of Science

📅 2018 - 2021

- Designed and implemented a real-time data pipeline to compare app events data from 3 data sources, through the use of a custom designed api. resulting in the identification of a number of business critical data miscalculations

Data Science Contract

Metaverse Holdings Limited

📅 Nov 2021

- Built a full stack Python web application with the ability to combine statistics from multiple projects together reducing the time to generate reports by 75%
- Created 10 individual reports using Jira data, such as analysis on burndown, ticket velocity metrics and project health reports
- Deployed Dash web app onto AWS using Docker, complete with Interactive graphs, making the process of generating complex reports as easy as pressing a button

Contract Data Engineer

GSA - Global Student Accommodation

📅 May 2020 - Nov 2021

- Personally designed and implemented a new ETL workflow at gigabyte scale containing over £100 Million in bookings per year
- Successfully led and deployed a machine learning project to predict booking cancellations of customers using live company data with potential savings of over £2M a year
- Managed the deployment of resources using Azure Container instances, reducing the time to insights from 2 days to 1 hour

Software Engineer

GSA - Global Student Accommodation

📅 Jun 2017 - Jun 2019

- Worked closely with the business to understand problems and proactively implement solutions, on tasks including migrations and server maintenance
- Responsible for looking after the office 365 records for 1000 users at a billion dollar company, given the task of automating the whole user onboarding and off boarding journeys
- Taught myself PowerShell for the purpose of designing systems integrations with platforms including Dropbox and Slack

Junior Cloud Developer

ProvenWorks

📅 Oct 2019 - May 2020

📍 Reading, England

- Used the Salesforce platform to design 2D interactive graphs with PixiJS
- Developed a lightning application using Apex and Javascript

Business Intelligence Analyst

Spire Healthcare Group plc

📅 Jul 2019 - Sep 2019

- Worked with the Business intelligence and Financial accounting teams to develop business solutions and build reports
- Developed Excel VBA macros used to save over 10 hours a week generating reports