Shuang Song

Independent Developer for Algorithms & Contracts.
PY/RS/CPP/SOL.

✉ shuangsong00@outlook.com ☎ +852-91427530 ⚲ Shenzhen, China, Need VISA Support for Rebase

⚙ https://github.com/ssghost in https://linkedin.com/in/shuangsongprofile

Profile

Experienced Job Types:

- 6 years Machine Learning Engineer
- 3 years Smart Contract Engineer
- 3 years Rust EVM Engineer

Expected Job Types:

- Machine Learning Engineer, Smart Contract Engineer, Smart Contract Auditor
- HongKong On-site & Remote
- Europe Remote & VISA supported On-site

Professional Experience

09/2020 – 07/2023
Remote, Japan

Web3 Smart Contract Engineer
SPARTICLE INC. JAPAN
Deployed and managed a React based large-scaled instant message web service for business uses and designed its fast responding backends and EVM architectures with Rust cooperating a 30 members all-remote team, built and published a Solidity based NFT token system related with the IM service almost alone within 2 weeks.

08/2018 – 09/2020
Remote, Japan

Quantitative Financial Engineer
INVEST INC. JAPAN
Participated in an expert team of about 25 members to build and deploy some financial-oriented ML systems of quantitative strategy designing to help customers to acquire maximum profits in the stock market of Japan, managed to build a complete workflow of Deep Reinforcement Learning by myself.

02/2016 – 08/2018
Shanghai, China

Computer Vision Engineer
SUNNATECH SHANGHAI CO, LTD.
Built, deployed, tested a Tensorflow based medical Images classification system with a 20 members team and applied it on the primitive screening of 7 diseases in 4 local clinic radiology departments.

08/2012 – 02/2014
Shanghai, China

Fellow Researcher
CHINESE NATIONAL NATURE SCIENCE FOUNDATION PROJECT RNA INTERFERENCE THERAPY TEAM
This was my master's degree related research project. I learned all the foundations of data analytics and programming skills during the studying period. I completed and published 3 SCI papers during this period.

Projects

01/2022 – 05/2022	**MY RUST SIDE PROJECT**

https://github.com/ssghost/My_Resume/blob/main/My_Rust_Sideproj.md
5 versatile pure Rust based applications written all by myself including Defi app, Quant trading indicator, Backend, Hardware driver, and Terminal interfaces.

01/2021 – 02/2021	**MY BLOCKCHAIN TECHSTACK**

https://github.com/ssghost/My_Resume/blob/main/My_BlockChain_TechStack.md
10 practical blockchain projects created all by myself, including: Basic Contracts, Distributions of ERC20 Token, ERC721 NFT, ERC 1202 DAO, MEV, Querying of NFT, zkSync Enhancements, and a complete Rust backend supported Defi App.

01/2018 – 02/2018	**MY DEEPLEARNING TECHSTACK**

https://github.com/ssghost/My_Resume/blob/main/My_DeepLearning_TechStack.md
10 practical deep-learning projects created all by myself, including: CNN, RNN, RL, NLP, GAN, Transformers, Computer Vision, Financial Decisions, Stable Diffusions.

Education

08/2011 – 08/2014
Shanghai, China

Master of Medicine
Shanghai Marine Medical University ⎋
Research Subject:
Cell Plasticity and RNA Interferences
Author and Co-author of 3 International SCI Papers during studying period.

08/2005 – 08/2010
Chengdu, China

Bachelor of Medicine
Southwest Medical University ⎋
Research Subject:
Diagnostic Radiology

Certificates

Certified Blockchain Solidity Developer ⎋
Advanced

Certified React.js Developer ⎋
Advanced

Certified Kubernetes Application Developer ⎋

Coursera Deep Learning Specializations ⎋

Coursera Machine Learning Specializations ⎋

Coursera Tensorflow in Practice Specializations ⎋

Skills

Python	C++
Javascript	Typescript
Rust	Solidity
Julia	SQL
Translation	Statistics
Graphic Design	Scientific Writing