

Shuang Song

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

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🔗 <https://github.com/ssghost> in <https://linkedin.com/in/shuangsongprofile>

Profile

Experienced Job Types:

- 6 years Machine Learning Engineer
- 3 years Quantitative Engineer
- 2 years Smart Contract Engineer

Expected Job Types:

- Machine-Learning engineer, Quantitative engineer, Smart contract engineer

Professional Experience

09/2021 – 07/2022
Remote, Japan

Web3 Smart Contract Engineer

SPARTICLE INC. JAPAN

Deployed and managed a React based large-scaled instant message web service for business uses with 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 – 09/2021
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

01/2021 – 02/2021

MY BLOCKCHAIN TECHSTACK

<https://gist.github.com/ssghost/b4e72af022b48312f039c23289386373>

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.

01/2018 – 02/2018

MY DEEPLARNING TECHSTACK

<https://gist.github.com/ssghost/b729229d3e061b07d2983005b2427153>

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

● ● ● ● ●

Languages

English

IELTS 6.5 CET6 553

Chinese

Mother language

Japanese

JPLT N2