

RESUME

Xiaoxuan Zhang

Phone number: 86-13611688224

Email address: xiaoxuan.alex.zhang@gmail.com

Github: <https://github.com/HarvestStars>

SUMMARY OF QUALIFICATIONS

- Degrees of Master and Bachelor of Engineering at Wuhan University
- Five years of experience in software engineering, involving blockchain, quantitative finance, and telecommunications.
- Good academical ability of research
- Proficient in programming language like C++, Golang, and Python

EDUCATION

Master of Engineering in Automation

09.2013 - 06.2015

Wuhan University, China

- Core courses included Matrix Theory, Control Theory, Numerical Analysis and Research Methodology, which contributed to my basis of the following mathematics related research.
- Proficient in modeling and simulation with Matlab, focusing on industry efficiency solutions by regression and classification tools like SVM, LS-SVM, and PSO.
- Good ability to research and optimize the existing modeling based on mathematical theories, by Matlab coding and paper publishing.

Bachelor of Engineering in Automation

09.2009 - 06.2013

Wuhan University, China

- Strongly related with mathematics, basically shared the mathematical curriculum with the Mathematics Department at the same university, meanwhile got great scores in these courses.
- Intersecting software and hardware education, acquired knowledge of programming language(C++), CPU architecture, memory management, and circuit design.

WORK EXPERIENCE

Senior Software Engineer

02.2021 - present

Mavenir, Shanghai, China

- Network element management micro-service platform development and maintenance.
- Kubernetes based basic operation work, which provide the stability of the platform for our global customers.
- Good teamwork and communication skills with English native colleagues. Bridge between Chinese, Indian, and North American teams.

Xiaoxuan Zhang

Blockchain Engineer

02.2019 - 12.2020

PanYin Information Technology Co., Ltd in Shanghai, China

- Develop the public chain LAVA based on the POC consensus mechanism, as the core developer. The project's largest customers turnover reached 100 million yuan. Organization site: <https://github.com/lavaio/lava>.

- Research in layer-2 blockchain areas, involving DEFI project, which was based on a specific financial model, by reading dissertations, using Matlab to realize theoretical verification, and building a transaction simulator with Golang.

Quantitative researcher

02.2018 - 08.2018

QiMou Investment Co., Ltd in Shanghai, China

- Improve multi-factor alpha returns and technical analysis trading strategies.

EXTRACURRICULAR PROJECT

GeekChomolungma -- A crypto quantitative platform

07.2021 - present

GeekChomolungma is a platform with applied AI tools by myself, which includes three parts:

Climber: <https://github.com/GeekChomolungma/Climber>

Everest-Base-Camp: <https://github.com/GeekChomolungma/Everest-Base-Camp>

Chomolungma: <https://github.com/GeekChomolungma/Chomolungma>

Petflash -- A micro-application in WeChat

10.2020 - 12.2020

Petflash is a pet grooming platform in WeChat, in which customers can place grooming orders for their dogs and cats, and groomers can pick the orders then provide door-to-door service.

Repos:

Front-end: <https://github.com/HarvestStars/petflash-front>

Back-end: <https://github.com/HarvestStars/petbarber>

AWARDS AND ACHIEVEMENTS

Third Class Scholarship, Wuhan University, China

2012

Spotlight Award, Mavenir, China

2022

Excellence Award, Mavenir, China

2022