JUNFENG YU (Jacob953)

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EDUCATION

CENTRAL SOUTH UNIVERSITY   Hunan, China
Bachelor of Information Security in progress   Sept 2019 – June 2023

- **Volunteer**: Co-organized Linux Open-source salon twice in a row with Ubuntu Kylin.
- **Classes**: Data Structures, Algorithms, Computer Networks, Operating System, Database and so on.

OPEN-SOURCE

GITHUB
Approver of CNCF-glossary   Feb 2022 - Present

- Responsible for driving the first launch of the Chinese community for the cloud native vocabulary.
- Speaking on behalf of the Team Chinese at the April CNCF Glossary Working Group Conference.

Contributor of OpenTelemetry   Jan 2022 - Present

- Fix histogram unit test on FloatmgMetricGroupingExport.

Contributor of Apache/ShardingSphere   May 2022 - Present

- Migrate test coverage report from Travis to GitHub Action.

Contributor of Cloudwego/Kitex   May 2022 - Present

- Raise unit test coverage of remote/trans/netpoll from 39.5% to 81.6%.

Contributor of SEEDLab/SEEDLab   Sept 2021 - Nov 2021

- Fixed serval bugs in docker-compose.yml of The Kaminsky Attack Lab.
- Fixed a bug for generating random hostnames in attack.c of The Kaminsky Attack Lab.
- Pick an issue about the promiscuous mode in docker's network interface card of Packet Sniffing and Spoofing Lab.

EXPERIENCE

IAM SYSTEM   Hunan, China
Sole author   Sept 2021 – Present

- A web service for access authentication and resource authorization system implement by Golang.
- Authentication mechanism
  - Use JWT as login credentials and add a valid entry to resolve Token cancellation issues.
  - Token stored in cookie, authenticated by server-side key, used to solve the leakage problem of LocalStorage
- Data Processing
  - Use asynchronous reporting and use batch reporting to improve efficiency.
  - Report the collected data to Redis first to avoid data accumulation.

POBOCUP CHINA OPEN 2D SOCCER SIMULATION   Tianjin & Hunan, China
Captain of Team   May 2021 - Sept 2021

- Won the second price on RoboCup China Open 2D Soccer Simulation.
- Published the paper "Research on RoboCup2D player shooting technology based on fuzzy control" as the first author in ICRAIC 2021.
- Combining fuzzy control and reinforcement learning to optimize the control mechanism and strategy to improve performance, the optimized shot hit rate is improved by 21.36% with certain robustness.

ADDITIONAL

PROGRAMMING LANGUAGE

- Golang(Present), Java(Familar), C++, Python, ANTLR, C, JavaScript and serval font languages.

HONOR

- 2 national awards, 3 provincial awards, and more than 10 university-level awards.
- 2 papers, Published as third author in ICDSBA 2021, "Decision and Evaluation of Ordering and Transshipment Schemes Based on Multi objective Programming", which has been included in IEEE.

BOOK

- Solo translation of "Darker corners of Go", copyrighted.