

XINZHE WANG

✉ matrixwxz@gmail.com · ☎ (+86) 15380301073 · 🌐 MXWXZ

🎓 EDUCATION

Shanghai Jiao Tong University (SJTU), Shanghai, China 2017 – Present
Undergraduate student in Software Engineering (SE), expected June 2021

👤 EXPERIENCE

Google Summer of Code 2020 May 2020 – Present
C/Lua, Linux kernel Developer

Load Lua script hook in Linux kernel to inspect the contents of the HTTP messages transparently inside the kernel, <https://summerofcode.withgoogle.com/projects/#5508752536502272>

- Project pushing.

sjtu-jiaojiao/SJTU-JiaoJiao July 2019 – September 2019
Golang, Micro-service, 14 stars Backend architect, manager

Shanghai Jiao Tong University second-hand information trading platform, <https://github.com/sjtu-jiaojiao/SJTU-JiaoJiao>

- Micro-service architecture based on Golang
- Overcome at least 3K QPS in total 12 vCPU and 100Mbps cluster
- Bottleneck is lack of bandwidth, CPU loads are less than 70%

MXWXZ/FuckBaiduPanPwd 2018
Python, 241 stars Individual Projects

Brute force Baidu cloud disk password, <https://github.com/MXWXZ/FuckBaiduPanPwd>

- Tried 133k passwords in 7 hours and successfully broke a test file.

MXWXZ/sjtu-automata 2019 – Present
Python, 43 stars Individual Projects

Automatically elect courses for SJTU student, <https://github.com/MXWXZ/sjtu-automata>

- Unattended automatic elect courses
- Concurrent elect courses to increase success rate

MXWXZ/DuiMini 2018 – Present
C++, 12 stars Individual Projects

Cross-platform lightweight DirectUI interface library, <https://github.com/MXWXZ/DuiMini>

- Cross-platform support, Windows/Linux/OSX
- Lightweight, full static link without compression guarantees size within 10M
- High efficiency, based on OpenGL, called by game-level engine

⚙️ SKILLS

- >10K lines: C++/C > Go = Python
- 1-10K lines: Java = Javascript > HTML
- <1K lines: Shell > PHP > C#
- Others: Nginx, Mariadb, Redis, Mongodb, React, go-micro, Travis, Docker(Docker-compose), Swarm

♡ HONORS AND AWARDS

<i>1st Place</i> Jane Street Electronic Trading Challenge(ETC)	2019
<i>1st Place</i> Roar CTF, China	2019
Shanghai Jiao Tong University original vulnerability reporter	2019
<i>Finalist</i> CyBRICS CTF, Russia	2019
<i>Finalist</i> SUCTF, China	2019
<i>First Prize</i> National College Student Information Security Contest	2018
<i>Third Prize</i> HuWangBei CTF, China	2018
<i>Finalist</i> TCTF Raising Star, China	2018
<i>3rd Place</i> "Freshman" Science and Technology Innovation Fair	2018

❖ MISCELLANEOUS

- Oops CTF group member
- Blogger: <https://www.imwxz.com/>
 - Over 100K visitors since 2017
- GitHub: <https://github.com/MXWXZ>
 - Resume: <http://resume.github.io/?mxwxz>
 - Over 300 stars in all self-created repos
 - Contributed to famous project like ant-design
- Whitehat of EDU-SRC: <https://src.sjtu.edu.cn/profile/6020/>
 - Found critical vulnerabilities in many universities
 - Got certificate presented by SJTU