

CHIEH-MIN WANG

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fatminmin.com ◇ github.com/chiehmin ◇ linkedin.com/in/fatminmin

EXPERIENCE

Synology - Senior Product Developer

January 2020 - present

Development Infrastructure Team

- Improve the performance of the internal SCM infrastructure by introducing multiple monitoring tools including Prometheus/Grafana and Elastic stack to find the bottlenecks and do continuous monitoring.
- Refactor the internal infrastructure by introducing Ansible for declarative server configuration management.

Synology - Product Developer

October 2016 - January 2020

Network Essential Team

- Design and develop a traffic monitoring solution leveraging netfilter conntrack and an DPI engine to provide detail network usage including bandwidth, application and domain access usage.
- Maximize the network throughput with DPI enabled by implementing a flexible offloading framework.

EDUCATION

National Chiao Tung University

Master in Computer Science

Score: 97.0 out of 100

August 2014 - July 2016

fatminmin.com/misc/master_eng.png

Bachelor in Computer Science (Computer and Electrical Engineering)

Score: 90.49 out of 100

August 2010 - July 2014

fatminmin.com/misc/bachelor_eng.pdf

PROJECTS

MinMinGuard

fatminmin.com/pages/minminguard.html

MinMinGuard is a popular Xposed module that removes ads from Android applications. MinMinGuard uses several API hooking methods to remove both ads and black space caused by those ads which is unique and more effective than any other ad-removing solutions in the market.

Contributions to the OSS communities

fatminmin.com/pages/about.html#oss

Linux, nDPI, Gitlab, Prometheus, SynoCommunity

`git log --author=chiehmin`

AWARDS

- Member of the Phi Tau Phi Scholastic Honor Society of the Republic of China
- 2013 ICCAD
 - CAD Contest Problem B "Placement Finishing - Detailed Placement and Legalization" - 3rd Place
 - CADathlon - 2nd Place
- 2010 ACM ICPC Kaohsiung Regional - 7th Place / Tokyo Regional - 12th Place
- 2010 National Collegiate Programming Contest - 3rd Prize