CHIEH-MIN WANG

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EXPERIENCE

Synology - Product Developer   *Taiwan | October 2016 - Present*
- Design and develop a traffic monitoring total solution from system daemon to web UI providing detail network usage view to users including bandwidth, application and domain access usage.
  - Leveraging Linux connection tracking subsystem to retrieve and save flow information.
  - Design Linux Netfilter hooks to send interested packets to DPI(deep packet inspection) engine.
- Maximizing the router throughput to link speed with DPI(deep packet inspection) and IPS(intrusion prevention system) enabled by implementing a flexible offloading framework.
- **Skills:** `C/C++, GDB, Linux Netfilter Subsystem, Javascript`

Yahoo - Software Deveoper(Summer Intern)   *Taiwan | July 2015 - August 2015*
Built an O2O e-commerce Android app that provides an instant location based matching service and won the best internship award for engineering group.
- **Skills:** `Android, Parse Platform`

IBM - Software Deveoper(Summer Intern)   *Taiwan | July 2014 - August 2014*
Develop a log parsing tool using Java which can detect errors and analyze the server status promptly. It has both GUI and command line interface which can be integrated as a part of Jenkins pipeline.
- **Skills:** `Java, Swing GUI`

EDUCATION

National Chiao Tung University
Master in Computer Science   *August 2014 - July 2016*
Score: 97.0 out of 100   fatminmin.com/misc/master_eng.png
Bachelor in Computer Science (Computer and Electrical Engineering)   *August 2010 - July 2014*
Score: 90.49 out of 100   fatminmin.com/misc/bachelor_eng.pdf

PROJECTS & OPEN SOURCE CONTRIBUTIONS

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

```
git log --author=chiehmin
```
- Linux   git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/log?qt=author&q=chiehmin
- nDPI   github.com/ntop/nDPI/commits?author=chiehmin
- conntrack-tools   git.netfilter.org/conntrack-tools/log?qt=author&q=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