CHIEH-MIN WANG

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

EDUCATION

National Chiao Tung University   *August 2014 - July 2016*
Master in Computer Science
GPA: 97.0 out of 100   fatminmin.com/misc/master_eng.png

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

EXPERIENCE

Synology - Product Developer   *Taiwan | October 2016 - Present*
- Working on traffic monitoring and depth packet inspection project
- Implement mechanisms to make offload engines(NPU) to work with L7 DPI/firewall/traffic monitoring
to maximize the router performance
- Experience with 802.11 development and mesh networking
- Skills: *C/C++, Networking, Linux kernel(netfilter subsystem), Javascript*

Yahoo - Software Deveoper(Summer Intern)   *Taiwan | July 2015 - August 2015*
- Built an O2O e-commerce app with a group of interns and won the best internship award for engineering
group.
- Skills: *Android, Parse*

IBM - Software Deveoper(Summer Intern)   *Taiwan | July 2014 - August 2014*
- Develop Jenkins pipeline tools for continuous integration
- Skills: *Java, Swing GUI*

PROJECTS & OPEN SOURCE CONTRIBUTIONS

MinMinGuard   fatminmin.com/pages/minminguard.html
MinMinGuard is an Xposed framework module that removes ads from Android applications. MinMin-
Guard has several important advantages over other ad-removing solutions. First, it removes both the
ads and the black space caused by those ads, which extends the app window and improves the user-
experience. Second, it allowes a per-app setting, so the user can keep the ads in the apps he wants to
support. MinMinGuard has more than 100000 users and was featured on XDA portal and XDA TV.

Netfilter Contributions
- netfilter: conntrack: fix cloned unconfirmed skb->_nfct race in __nf_conntrack_confirm
  git.kernel.org/pub/scm/linux/kernel/git/pablo/nf-next.git/commit/?id=13f5251fd1
- conntrack: Show multiple CPUs stats from proc
  git.netfilter.org/conntrack-tools/commit/?id=d2849d189b

AWARDS

- Member of the Phi Tau Phi Scholastic Honor Society of the Republic of China
- 2013 CAD Contest at ICCAD Problem B "Placement Finishing - Detailed Placement and Legaliza-
tion" - 3rd Place
- 2013 CADathlon at ICCAD - 2nd Place
- 2010 ACM ICPC Tokyo Regional - 12th Place

- 2010 ACM ICPC Kaohsiung Regional - 7th Place
- 2010 National Collegiate Programming Contest - 3rd Prize

PUBLICATIONS

- Chieh-Min Wang, Yu-Sung Wu, Hsing-Hsuan Chung, "FUSION: A unified application model for virtual mobile infrastructure", IEEE Conference on Dependable and Secure Computing, August, 2017

- Hong-Wei Li, Yu-Sung Wu, Yi-Yung Chen, Chieh-Min Wang, Yen-Nun Huang, "Application Execution Time Prediction for Effective CPU Provisioning in Virtualization Environment", IEEE Transactions on Parallel and Distributed Systems, May, 2017

- Sergiy Popovych, Hung-Hao Lai, Chieh-Min Wang, Yih-Lang Li, Wen-Hao Liu, Ting-Chi Wang, "Density-aware Detailed Placement with Instant Legalization", IEEE Design Automation Conference, June, 2014