SUN DONGXU

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🎓 EDUCATION

Nanjing University (NJU), Jiangsu, China   2016 – Present
Master student in Computer Science (CS)

Dalian University of Technology (DUT), Liaoning, China   2012 – 2016
B.S. in Software Engineering (SE)

👥 EXPERIENCE

Tencent Inc. Shenzhen, China   2015.08 – 2016.02
Intern   Mobile Developer

- Implemented features in Yingyongbao including native navigation revision, NPC pop-up window, new version of smart card, icon inside the games, which had already been tested and published
- Won the 2nd and the 3rd prizes in the basketball competitions on behalf of Yingyongbao and MIG, respectively

RDMA Network Middlebox   2017.03 – 2017.10
C++/C   Research Project, collaborated with classmates

- Support the upper applications to replace native TCP/IP protocol stack with RDMA (Message/Memory Semantics)
- Related Technology: TCP/IP and RDMA protocol stack, multithreading, memory management, multiplexing(epoll)
- Tests Passed in applications such as Memcached and GRPC

Personal Finance Applications   2016.02 – 2016.06
Android   Personal Project

A virtual finance management platform with personalized recommendation algorithm embedded in, https://github.com/sundongxu/personal-financing
- An Android-based App following the principles of Material Design
- Implemented functions including the multiple forms of cards representation, investment simulation, journal records, etc
- Related Technology: Network operation(Volley), database(sqlite), etc

Personal Finance Applications   2014.05 – 2014.07
J2EE   Personal Project

- Framework: JavaBean + Servlet + JSP + JDBC
- Implemented functions including music uploading and downloading, searching by music information and ranking by the number of clicks

⚙ IT STACK

- Language: C++ (OOP/GCC/GDB/Vim) == Java > Python (Numpy/Pandas/Matplotlib)
- Other Skills (1) Shell (2) Network Programming (3) Linux Kernel