Gefei Zuo

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Room 212, Building 321, East Campus, USTC
3rd year undergraduate student

Electronic Edition can be found at https://github.com/Alkaid-Benetnash/CV

Education

University of Science and Technology of China   HEFEI, ANHUI, CHINA
B.S. in Computer Science (School of Gifted Young)   *Sept.'2014 – present*
- GPA 3.71/4.30
- Enrolled in the Talent Program in Computer and Information Science and Technology

Awards
- Outstanding Student Scholarship (Grade 2) in Sophomore Year
- Outstanding Student Scholarship (Grade 3) in Junior Year
- Special Freshman Scholarship
- Outstanding Freshman Scholarship (Grade 3)

Research Experience

Soft Robot Lab, instructed by Xiaoping Chen   UNIV. OF SCIENCE AND TECH. OF CHINA
A Two-level Approach to Motion Planning of Soft Variable-Length Manipulators Combining End-Effector Path
Generation and Heuristic Configuration Selection in Task Space   *Dec.'2016 – Mar.'2017*
    IROS'2017, submitted
    Dengyuan Wang, Xiaotong Chen, **Gefei Zuo**, Xinghua Liu, Zhanchi Wang, Hao Jiang, Xiaoping Chen

Participant   *Sept.'2016 – Dec.'2016*
Using Neural Network to control the soft manipulator, coding in Matlab

Work Experience

USTC Freeshell   UNIV. OF SCIENCE AND TECH. OF CHINA
Maintainer   *Sept.'2014 – Jun.'2015*
- Container-based IaaS service based on OpenVZ virtualization, supporting various Linux distributions.
- Reconstruct previous version with ceph and openstack working in progress

USTC Opensource Mirrors   UNIV. OF SCIENCE AND TECH. OF CHINA
Maintainer   *Jul.'2015 – present*
- One of the biggest opensourse mirror in China, Official mirror site of Debian in China
- More than 6TB traffic per day, Hundreds of http connection per second, with an outdated machine
- Test and deploy several kinds of block cache, finally improve the disk IO capability more than twice
- Deal with many kinds of performance or software/hardware issues

Distributed File Storage   UNIV. OF SCIENCE AND TECH. OF CHINA
Team project of Principles and Design of Operating Systems   *Mar.'2016 – Jun.'2016*
- Implement git-like(content hash as index) file/directory indexing API for web interface(implmented by others)
- Design and Implement synchronize operation based on concept of blockchain

Extracurricular Activities

President, Linux User Group, USTC   *May.'2016 – present*

Vice President, Linux User Group, USTC   *May.'2015 – May.'2016*

Vice Minister, Technology team, Student Union, School of Gifted Young   *Sept.'2015 – May.'2016*

Skills

Programming: C, C++, Python, Matlab, Bash
Linux: Network management, Server maintaining
Github: https://github.com/Alkaid-Benetnash
Gitlab: https://git.ustclug.org/Alkaid