Gefei Zuo *Downloadable at https://github.com/Alkaid-Benetnash/CV*

zgf574564920@gmail.com • +86.15656577795
Room 212, Building 321, East Campus, USTC
3rd year undergraduate student

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 opensousre mirror in China.
- 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

Pipeline MIPS CPU on FPGA Univ. of Science and Tech. of China

Course project of Computer Organization *May.'2016*

- Implemented in Verilog, 5 stage pipeline, 40 instructions, exception support.

Extracurricular Activities

President, Linux User Group, USTC *May.'2016 – June.'2017*

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, Verilog
Linux: Network management, Server maintaining
Github: https://github.com/Alkaid-Benetnash