Ziyang Feng

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Education

Dalian Univ. of Technology
B.E. in Computer Science
GPA: 85.2/100
2016.09-2020.06

Links

Blog:// **blog.fuujiro.com**
Github:// **@fuujiro**
LinkedIn:// **fuujiro**

Introduction

Apply: Software Development Engineer
I love programming
Familiar with **C/C++** language
Understand and use
Linux/Unix systems
Comprehend **Redis** and
database principles
passionate about **open source**
projects
Hope to be a good software
engineer

Skills

Programming
Programming Language
C++ • C • Python • LaTeX
Operating System
Linux/Unix • Shell • Vim
Database
Redis • SQL

Language
native
Mandarin
fluent
English

Projects

JiroOS   A toy Operating System
2019.3
- X86-based tiny operating system, supported physical machines and virtual machine such as bochs
- Implement segment/page memory allocation, process thread management, synchronous asynchronous mutual exclusion, I/O process communication and file system
- Referring to other open source implementations, 64-bit extensions and ARM architecture adaptations are being implemented

Socket   Unix Networking Programming / socket / Chatting room
2018.12
- Implement TCP/UDP socket network Programming
- IO multiplexing with select/poll/epoll model
- Develop a Chatting room based on select model

LIMS   Library Information Management System
2017.6
- With book add, delete, modify & three-way search , Bestseller recommendation function
- Own administrator & user the two relationship, with account recovery function, color interactive terminal interface
- **LIMS** has **42 stars** in GitHub, which becomes one of the most popular **Library Information Management System**$^{C\ tag}$ projects

Experience

National Undergraduate Training Programs for Innovation and Entrepreneurship   Undergraduate Research in Robotic Calibration
2018.01 - Present | Dalian, China
- Research on Robot Arm Calibration Based on Zhengyou-Zhang Calibration Algorithm
- Try the new calibration board marked by ARUco, optimize the original calibration algorithm
- Our **DUT-RVLab** update research progress on GitHub

Cardiff University, UK   Big Data & HPC Summer School
2018.07 - 2018.08 | Cardiff, UK
- Participate in a school-funded summer exchange program with School of Engneering, Cardiff University
- Learn about big data, machine learning and high performance computing
- Successfully completed the final Hackathon closing project, implementing a demo of gesture recognition

"WeGeek" WeChat Mini Program hackathon   "Time Cross" Mini Program
2018.12 | Beijing, China
- Participate in the WeChat Mini Program hackathon jointly organized by **Segmentfault** and **WeChat**
- Developed a mini program that tried to replace the **Tencent Document**

Awards

2018	1st Prize	Liaoning Computer Multimedia Design Competition + Scholarship
2018	2nd Prize	The 8th APMCM Asia Pacific Mathematical Modeling Competition in 2018
2017	1st Prize	2017 **Ti** Cup Electronic Design Competition of Dalian Univ. of Tech.
2017	2nd Prize	The 26th Dalian Mathematics Competition in University Student