Jiang Han

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Education Background

Hunan University, China - Software Engineering - Bachelor 2020.09-2024.07

GPA: 3.52 / 4.0

Rank: 16 / 145

Course：Computer System, Operating System, Computer Network, Data Struct and Algorithm, Database System

Professional Skills

- Code in C++ and Golang most, have learned and used Rust, Java, Python and other languages.
- Able to use C++ STL proficiently, have studied part of the source code, and master certain usage skills.
- Love Golang most! Some Go applications are being used too!
- Docker Lover! A game-changing app deserves more attention and energy！
- Familiar with Linux, understand the implementation of underlying knowledge, very interested in security and HPC.
- Familiar with the algorithmic ideas, have in-depth study, understanding and application of classic algorithm.
- Enthusiastic about science research, reading paper inspires me a lot.
- IELTS 7.0(6.0), able to read and comprehend English essays fluently.

Research Experience

Disjoint-set edge deletion

- Description: Disjoint-set is a concise and efficient data structure, which is very classic, but it has not been well studied in dynamic scenarios, especially the operation of edge deletion.
- Main work: In this project, we mainly conduct research on existing papers related to graph theory, and conduct a detailed analysis of the problems. Considering the fact that knowledge reserves of undergraduates are not sufficient, the program ended with a simple survey by prof.
- Harvest: Cultivated basic scientific research ability and increased interest in scientific research.

Personal Evaluation

- Strong learning drive: Able to learn relevant knowledge according to the needs of the problem in a planned way, such as the use of Linux, the writing of dockerfile, simple computer memory and isolation security knowledge.
- Strong perseverance: From the use of multiple languages to long-term systematic knowledge learning, the rich computer science knowledge system pushes me to continuously enrich myself.
- Love algorithm learning and data structures: HPC and computing theory are inseparable from the support of underlying algorithms and scheduling, a better understanding offers me solutions to Changing scenarios.

Research Interest

- System security, not only OS, but also any software and application.
- Serverless & cloud computing.
- Principle of HPC and computing theories.
- Parallel & Distributed Computing
- Golang design, development and usage.