LIAN GUO

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Education

Harbin Institute of Technology   Harbin   09/2018 – Present
Data Science and Big Data Technology   Undergraduate, Anticipated Graduation Date: 2022.06
- GPA: 88.8428/100, Rank: 10/35
- Part of the course grades:Formal Languages and Automata (98.4),Probability Theory and Mathematical Statistics (97),Mathematical Logic (95),Algebra and Geometry (95),Basics of Big Data Computing (94),Computer System (93.6),Computer Network (90.2)

Awards

- **The 2019 ICPC Asia Shenyang On Site Regional Contest** *Gold Medal*   11/2019
- **2020 China Collegiate Programming Contest, Weihai Site** *Silver Medal*   10/2020
- **The 2020 ICPC Asia Jinan Regional Contest** *Silver Medal*   12/2020
- **2019 Baidu Astra Programming Competition Top 400** *184th*   10/2019
- **The 13th Chinese Northeast Collegiate Programming Contest** *First Prize*   05/2019
- **The 14th Chinese Northeast Collegiate Programming Contest** *First Prize*   10/2020
- **The 14th Heilongjiang Provincial Collegiate Programming Contest** *First Prize* 05/2019
- **The 15th Heilongjiang Provincial Collegiate Programming Contest** *First Prize* 09/2020
- **2020 CCF Collegiate Computer Systems Programming Contest** *Gold Medal*   10/2020
- **2020 The 20th CCF Certified Software Professional** *364 points (top 1.07 %)*   09/2020

Internship

Tencent   Guangzhou   07/2021 – 08/2021
WXG/Technical Architecture Department   Backend Developer Intern
- Optimized routing query code.
- Learn C++, Linux programming related knowledge.

Person Project

- **Simple HTTP Proxy Server** *Network Programming in Python*   11/2020
  Designed and implemented a basic HTTP proxy server, which supports caching, website filtering, user filtering and website guidance.

- **Memory management under Linux** *C Programming*   12/2019
  Write a memory management mechanism in C that uses memory request and release reclamation through a chain table.

Skills

- **Program Language**: comfortable with C C++ Python.

- **Algorithm Design**: learned algorithm competition, familiar with some common data structures and algorithms with algorithm design capabilities.

- **Development Tool**: can adapt to common editors/OSs, usually use Arch Linux, have experience with team collaboration tool git.

Miscellaneous

- Won two People's Scholarships and one National Inspirational Scholarship