# 郭炼

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## 教育经历

**哈尔滨工业大学**　哈尔滨       2018.09 – 至今
数据科学与大数据技术       本科在读，预计 2022.06 毕业

- 平均学分绩: 88.8428/100，排名: 10/35
- 部分课程成绩: 形式语言与自动机 (98.4)，概率论与数理统计 (97)，数理逻辑 (95)，代数与几何 (95)，大数据计算基础 (94)，计算机系统 (93.6)，计算机网络 (90.2)

## 获奖情况

- **2019 ICPC 亚洲沈阳区域赛现场赛**　金奖     2019.11
- **第六届中国大学生程序设计竞赛（威海）**　银奖     2020.10
- **2020 ICPC 亚洲济南区域赛现场赛**　银奖     2020.12
- **2019 百度之星程序设计大赛全国 400 强**　*第 184 名*     2019.10
- **第十三届东北四省大学生程序设计竞赛**　一等奖     2019.05
- **第十四届东北四省大学生程序设计竞赛**　一等奖     2020.10
- **第十四届黑龙江省大学生程序设计竞赛**　一等奖     2019.05
- **第十五届黑龙江省大学生程序设计竞赛**　一等奖     2020.09
- **2020 CCF CCSP 竞赛**　金奖     2020.10
- **2020 CSP 第二十次 CCF 计算机软件能力认证**　*364 分 (前 1.07 %)*     2020.09

## 实习经历

**腾讯**　广州       2021.07 – 2021.08
微信事业群/技术架构部       后台开发实习生

- 优化路由查询代码。
- 学习 C++，Linux 编程相关知识。

## 个人项目

- **简单 HTTP 代理服务器的设计与实现**　*Python 网络编程*     2020.11
  设计并实现一个基本 HTTP 代理服务器，并支持缓存功能、网站过滤、用户过滤和网站引导。
- **Linux 下内存管理**　*C 语言编程*     2019.12
  使用 C 语言编写一个内存管理机制，通过链表使用内存的申请和释放回收。

## 技能专长

- **编程语言**: 了解 C C++ Python 编程。
- **算法设计**: 参加学习了算法竞赛，熟悉常用的数据结构和算法，对算法研究感兴趣。
- **开发工具**: 能适应常用编辑器和操作系统，日常使用 Arch Linux，具有使用 git 团队协作工具的经验。

## 其他

- 获得两次人民奖学金，一次国家励志奖学金

# 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