胡铭远

13045259086 ｜ dut21hmy@gmail.com

21岁 ｜男

应届生 ｜后端、客户端

大连理工大学
Dalian University Of Technology

教育经历

布里斯托大学 海外QS前100   2024年09月 - 2025年09月
沉浸技术（虚拟现实）（MSc） 硕士 计算机科学学院   布里斯托尔

大连理工大学 985 211 双一流   2021年09月 - 2025年06月
软件工程 本科 软件学院   大连
- GPA：3.5/4 （专业前20%）
- 相关课程：计算机网络、数据结构、操作系统、软件工程、高级C网络编程、Java高级编程
- 荣誉/奖项：校级优秀团员

项目经历

基于Linux的轻量级web服务器   2023年12月 - 2024年03月
独立开发
- **项目描述：**
  Linux环境下使用C++开发的轻量级Web服务器，能够支持一定数量的客户端并发访问并及时响应，支持网页的基本功能如访问图片、视频等文件资源
- **主要工作:**
  1.使用Socket进行网络编程，实现网络通信的基本功能
  2.采用epoll技术实现I/O多路复用，提升Web服务器性能
  3.实现了线程池，能够提高并行服务的数量
- **个人收获:**
  1.对于Socket基本网络编程有了一定的理解，同时了解了epoll技术
  2.对Linux环境下的C++开发较为熟悉，同时初步了解了Linux多线程服务器的基本原理

工作与实习经历

北京三快科技有限公司（美团）   2024年05月 - 2024年09月
鸿蒙客户端开发实习生 业务容器组   北京
- **实习介绍**
  基于开源的 React Native 框架改造并完善，华为侧提供ReactNativeOpenHarmony方法，负责鸿蒙侧组件与桥的开发
- **实习内容**
  - 开发鸿蒙测下拉刷新组件，参照鸿蒙测三方库中MJRefresh，根据业务提供的需求进行代码编写，保证三端统一
  - 获取视图状态桥
  - 提供业务方自定义debug能力
  - 引擎管理面板设计实现
  - 业务包锁包功能实现
- **实习收获**
  1. 学习了C++客户端的工作内容，RN在鸿蒙测的实现，和合作公司的技术沟通，对鸿蒙端开发有了更深入的了解
  2. 学习了React Native等在开发过程中能用到的基本知识；
  3. 有了扎实的鸿蒙开发基础，包括生命周期，事件传递机制，自定义 view等；
  4. 熟练掌握了鸿蒙进程间通信的各种实现，包括Bundle、Socket等；

工作以外经历

大连理工大学演讲与辩论协会   2022年08月 - 至今
会长 大连理工大学   大连
负责组织大型比赛、例会队内培训安排以及人员分配分工

软件学院办公室   2022年09月 - 2023年06月
副主任 大连理工大学软件学院   大连
负责安排部署校运动会场地搭建，安排管理校车班次，教室借用等。

专业技能

- 熟悉C++面向对象编程，熟悉模版与 STL的应用，熟悉C++11特性；
- 熟悉Linux下vim开发环境，了解网络编程；
- 熟悉进程、线程、锁、I/O等操作系统原理；
- 熟悉OSI 七层模型和 TCP/IP 四层体系分层结构，熟悉TCP三次握手、四次挥手、流量控制、拥塞控制等手段；
- 熟悉常用的数据结构（链表、栈、队列、二叉树等），熟练使用排序，贪心，动态规划等算法；
- 了解Java编程，熟悉Maven框架、MyBatis等，了解Python和Golang，了解Django框架；
- 了解MySQL，熟练撰写基本的SQL语句；
- 掌握JetBrains、DevEco、VS各种开发工具，熟悉使用Git以及使用Github/Gitlab仓库进行协作开发；
- 掌握Maya、Unity等建模工具，熟悉VR、MR等沉浸技术创作流程。

个人评价
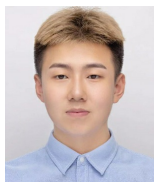
- 有较强的信息检索能力，擅长解决疑难杂症，通过Google/Github等国外论坛文栏解决技术问题；
- 在开发中对待问题具有认真求学的精神，能够在短时间内解决为问题并理解知识点，并且严格要求自己规范性的书写代码；
- 能够快速融入新的环境，团结友善，生活中乐观积极，保持向上的积极态度。

其他

- **阅读书籍：** Linux鸟哥私房菜； 程序员的修养——链接、装载与库；Effective C++；C++ Primer Plus；深入理解计算机系统
- **证书/执照：** IELTS雅思 7分；华为微认证：鲲鹏开发套件DevKit技能认证。
- **语言：** 英语（流利）

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21 ｜ Male
Fresh graduates ｜ Backend, client

大连理工大学
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EDUCATION

University of Bristol `QS Top100`   Sep 2024 - Sep 2025
Immersion Technology (Virtual Reality)(MSc) Master College of Computer Science   Bristol
Dalian University of Technology `985` `211` `Double 1st-Class`   Sep 2021 - Jun 2025
Software Engineering Bachelor Software Academy   Dalian
- GPA:3.5/4 (professional top 20%)
- Related courses: computer networks, data structures, operating systems, software engineering, advanced C network programming, Java advanced programming
- Honors/Awards: School-level outstanding members

PROJECT EXPERIENCE

Lightweight Linux-based web server   Dec 2023 - Mar 2024
Independent development
- **Project Description:**
  Under Linux environment using C development of lightweight Web server, can support a certain number of clients concurrent access and timely response, support the basic functions of web pages such as access to pictures, videos and other file resources
- **Main work:**
  1. Use Socket for network programming, realize the basic function of network communication
  2. Use epoll technology to realize I/O multiplexing, improve Web server performance
  3. Realize thread pool, can improve parallel service quantity
- **Personal gains:**
  1. For Socket basic network programming has a certain understanding, while understanding the epoll technology
2. Familiar with C development in Linux environment, and have a preliminary understanding of the basic principles of Linux multithreaded server

Work and internship experience

Beijing Sankuan Technology Co., Ltd. (Meituan)   May 2024 - Sep 2024
Hongmeng client development intern Business container group   Beijing
- **Internship Introduction**

  Based on the open source React Native framework transformation and improvement, Huawei side provides ReactNativeOpenHarmony methods, responsible for the development of Hongmeng side components and bridges.
  ### Internship content
- - Development of Hongmeng test pull-down refresh components, reference to Hongmeng test three-party library MJRefresh, according to the business requirements for code writing, to ensure three-terminal unity
  - Get View State Bridge
  - Provide business-side custom debug capability
  - Engine management panel design and implementation
  - Business Package Lock Package Function Implementation
- **Internship harvest**
  1. Learning C client work content, RN in Hongmeng test implementation, and cooperation company technical communication, Hongmeng end development has a more in-depth understanding
  2. Learning React Native and other in the development process can use the basic knowledge;
  3. With a solid Hongmeng development foundation, including life cycle, event transmission mechanism, custom view, etc.;
  4. Proficient in Hongmeng process communication between the various implementations, including Bundle, Socket, etc.;

Experience outside of work

Dalian university of technology speech and debate association   Aug 2022 - Present
President Dalian University of Technology   Dalian
Responsible for organizing large-scale competitions, regular meetings, team training arrangements and personnel distribution and division of labor.
Software Academy Office   Sep 2022 - Jun 2023
Deputy Director School of Software, Dalian University of Technology   Dalian
Responsible for arranging the deployment of school sports venues, arranging and managing school bus shifts, classroom borrowing, etc.

SKILLS LIST

- Familiar with C object-oriented programming, familiar with templates and STL applications, familiar with C 11 features;
- Familiar with Linux vim development environment, understand network programming;
- Familiar with process, thread, lock, I/O and other operating system principles;
- Familiar with OSI seven-layer model and TCP/IP four-layer system layered structure, familiar with TCP three-way handshake, four waves, flow control, congestion control and other means;
- Familiar with commonly used data structures (linked list, stack, queue, binary tree, etc.), skilled use of sorting, greedy, dynamic

planning and other algorithms;

- Knowledge of Java programming, familiar with Maven framework, MyBatis, Python and Golang, Django framework;
- Understanding of MySQL, proficiency in writing basic SQL statements;
- Master JetBrains, DevEco, VS various development tools, familiar with the use of Git and Github/Gitlab warehouse for collaborative development;
- Master Maya, Unity and other modeling tools, familiar with VR, MR and other immersion technology creation process.

SUMMARY

- Have strong information retrieval ability, good at solving intractable diseases, through Google/Github and other foreign forums to solve technical problems;
- In the development of the treatment of the problem with a serious study spirit, can be in a short time to solve the problem and understand the knowledge points, and strictly require their own normative writing code;
- Able to quickly integrate into the new environment, unity and friendliness, life optimistic and positive, maintain a positive attitude.

MISCELLANEOUS

- **Read the books:** Linux Bird Brother Private Cuisine; Programmer's Cultivation-Link, Load and Library; Effective C ;C Primer Plus; In-depth understanding of computer systems
- **Certifications:** IELTS IELTS 7 points; Huawei Micro Certification: Kunpeng Development Kit DevKit Skills Certification.
- **Languages:** English (fluent)