LI Weicong

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EDUCATION

Jilin University   **2019.09 – 2023.06**

Computer Science and Technology

GPA: 86/100 IELTS: 6.5(6)

Honours:

Awarded the Academic Technology Scholarship.

Won the Silver Medal at the 46th ICPC Asia Regional Contest in Jinan Site 2021.

Won the Award of Excellence (ranked 4th) in the Code for Better _ Hackathon at the Google Developer Summit China 2022.

Won the Second Prize in the 15th Northeast Collegiate Programming Contest.

Won the Gold Medal in the 2nd China Collegiate Algorithm Design & Programming Challenge Contest (Spring) 2020-2021.

Won the First Prize in the Java category of the 11th Lanqiao Cup National Final.

Won the Second Prize in the 14th China Collegiate Computing Design Competition for Software Application Development - Mobile Application Development.

Won the Second Prize as a team and the second prize as an individual in the "Everest Summit" category of the 2021 Group Programming Ladder Tournament.

PROJECT EXPERIENCE

Campus Minibus Appointment and Payment Application   **2021.03 – 2022.08**

Developer

- Developed Jilin University's campus minibus appointment and payment app, providing students and staff with real-time vehicle location information, booking and payment for rides.

- Participated in multiple iterations of the program. The application accumulated nearly 10,000 users in the month of trial operation, with over 30,000 ride transactions, a revenue of over ￥40,000 and a maximum of over 2,000 daily active users.

- Awarded the second prize in the 14th China Collegiate Computing Design Competition for Software Application Development - Mobile Application Development due to the program's excellent design and useful features.

Jieyou Mall app   **2021.06 – 2021.12**

Developer

- Developed an online shopping mall for Jilin University students to purchase teaching and learning materials and a supporting transaction order data management system.

- Developed with a variety of programming languages and frameworks, using MySQL for database, SpringBoot framework for back-end development and Redis for caching.

- Within two months of its official launch, the mall had over 4,000 registered users, sold over 5,000 copies of materials and generated over ￥10,000 in revenue.

Ringerman Blackness Testing App   **2022.08-2022.09**
Developer

- Used the Ringerman blackness measurement algorithm to identify smoke levels and automate the process of image upload, smoke recognition and blackness calculation.
- Won excellence in the Code for Better _ Hackathon at the Google Developer Summit China 2022 due to providing an Android app with machine learning CV algorithms as an alternative to traditional visual observation methods.

PROFESSIONAL EXPERIENCE

Huawei Technologies Co.   **2022.09 – 2023.01**
Intern Software Development Engineer

- Participated in the pre-research of the Kunpeng BoostKit HPC Enablement Suite Donau Scheduler.
- Participated in the pre-research of HPC-AI convergence scheduling on the OCK-CC platform, including investigating technical solutions for scheduling and execution of AI tasks on the Donau scheduler, developing control scripts and Jupyter add-ons and iterating the Donau project to support high-priority scheduling of AI tasks and implement a completed life cycle control.
- Responsible for the adjustments of the scheduler's core algorithm and the core interface structure for AI algorithm access in the reinforcement learning AI scheduler project.

ByteDance Co.   **2022.02 – 2022.08**
Server-side R&D Engineer

- Participated in developing the product side back-end of the ByteDance e-commerce content ecosystem and the "Douyin Box" app.
- Responsible for the maintenance and iteration of merchandising services, providing data support for regulation analysis and merchandise pool construction, allowing the operations team to configure merchandise and monitor data.
- Optimised the product recommendation pool mechanisation review chain, significantly improving review efficiency.
- Responsible for the personification of the Douyin Box products.

EXTRACURRICULAR EXPERIENCE

Jilin University Software Skills Development Association

- Organised and managed a technical communication group of over 300 people, regularly held technical sharing activities, and wrote over 80 technical blogs.
- Prepared for the content of the final revision activities and taught the data structure part. The teaching process is recorded as a video posted on the society's WeChat public account and video platform.

ADDITIONAL INFORMATION

IT skills:

- Proficient in programming languages such as Java, C++, Golang and Nodejs.
- Proficient in databases such as MySQL, Redis with experience in using relational and graph databases.
- Proficient in using project management and deployment tools such as Git, Docker, etc.
- Experience in Hadoop cluster building and big data development with Spark.
- Experience in ML and Data analysis using tools such as Conda, JupyterLab,NumPy.
- Experience in using Vue and React, familiar with ECharts and Canvas programming.

Language skills: Chinese (native), English (fluent).