

Waylon Li

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Objectives: NLP, Machine Learning
Personal Webpage: <https://www.waylonranee.com>



SKILLS LIST

Programming languages: Java (skilled), Python (basic), C++ (basic)

Backend development:

- Big Data Related: Hadoop (basic), MapReduce (basic), Spark (basic)
- Version Management, Documentation, and Automated Deployment Tools: Git (skilled)
- Operating system: Linux, Mac OS

INTERNSHIP EXPERIENCE

International Business Machines Corporation (IBM)

Jul 2019 - Sep 2019

Information System Engineer, GTS-TSS

Canton, China

- Participating in the project: GFB Bank z14 mainframe upgrade, Chaozhou Sanhuan IT planning negotiation, Guangdong Mobile computer room maintenance, Guangdong Provincial Taxation Bureau computer room maintenance
- Some project experience:
 1. GF Bank z14 mainframe upgrade
 - Participation: Wiring, Hardware Management Console (HMC) switching
 - Description: Participate in connecting fibers of mainframe to switches; participate in HMC rack installation and switching the old HMC to the new one
 - What I learned: I have learned about the mainframe upgrade project process, the mainframe structure, and the machine room connection sequence
 2. Chaozhou Sanhuan IT Planning Consultation
 - Participation in work: IBM and Chaozhou Sanhuan initial meeting on IT planning negotiations
 - Description: Recording meetings and organising customer issues
 - What I learned: Understand the main content of IT planning, customer concerns
 3. Guangdong Mobile Shunde Engine Room Maintenance
 - Maintenance models: Power 780, S814 servers, DS 8870, 8880 storages
 - Description: Health check, hard disk replacement, FSP card power replacement

China Unicom Guangdong Branch

May 2019 - Jul 2019

Big Data Platform Operation and Maintenance Engineer, Informatics Dept.

Canton, China

- Participating in the project: Security upgrade of big data platform, daily maintenance of big data platform
- Some project experience:
 1. Big Data Platform Security Upgrade
 - Participating: assigning customer user permissions
 - What I learned: Got familiar with Linux command line operations, learned HDFS distributed file system knowledge, learned Hadoop deployment, participated in internal Spark computing framework training

EDUCATION

University of Edinburgh

BSc, Artificial Intelligence, School of Informatics

Sep 2018 - Jun 2021

Edinburgh, United Kingdom

South China University of Technology

BSc, Applied Mathematics, School of Mathematics

Sep 2016 - Jul 2018

Guangzhou, Guangzhou

Courses

Taken:

- Mathematics (some are learned in China): Linear Algebra, Mathematics Analysis, Abstract Algebra, Ordinary Differential Equation, Discrete Mathematics and Mathematical Reasoning (Mark: A), Probability with Application (Mark: A)
- Computing: Processing Formal and Natural Languages (Mark: A, coursework A1), Introductory Applied Machine Learning (Mark: A2), Introduction to Vision and Robotics (Mark: A, Coursework A1), Algorithms Data Structures Learning (Coursework A2), Introduction to Computer Systems (Coursework A2), Reasoning and Agents (Coursework A2)

Taking:

- Foundation of Natural Language Processing, System Design Project, Algorithms and Data Structures, Software testing

HOBBIES

- Activities: Coding, Singing, Basketball