Season wang 王雅宁

c/c++ Python bigdata POC Machine Learning

15929317405

376954057@qq.com

Male | 31 Years old (1990/07/19) | Residency Xi'an | 6 year of coding experience

Major: Computer Software and theory   School: Shaanxi Normal University , Master

Website: http://blog.csdn.net/wangyaninglm

Self Assessment:

Firstly,I am an active ,innovative man,a good team-worker,with great enthusiasm and IT knowledge.I suppose I am well qualified for a jop of programming in an IT company.

Secondly, I Have a good learning ability interpersonal communication skills and have a strong interest in both software development and data analysis, I am familiar with Python development in big data eco system,such as Spark,Elasticsearch,Data analysis development in Pandas ,Numpy.Also I am familiar with C/C++, OpenCV graphics library interface,familiar with NLP development,Data visualization.

Last, I am down-to-earth, honest and kind, optimistic and self-motivated, study hard, good at interpersonal communication, and can accurately understand customer needs into software products.

I hope to be able to engaged in big data analysis related areas of work.

2021/3-present 神州信息[1 年] **高级算法工程师**

Job description:

In the algorithm team of the company, I am mainly responsible for the research and development of visual modeling and automatic modeling products of financial Super Brain platform from 0 to 1.

项目描述:

-At the initial stage, assist the team in the design of the overall architecture of visual machine learning products, and make a brief design with reference to the mapping relationship between the relevant functions of future development operators and the open source frame.

-In the medium term, the development of column selection, data splitting, missing value filling, logical regression operator (LR) (two classification, multi classification), linear regression, kmeans, clustering evaluation, regression evaluation, box division, prediction component, user-defined (Scala calls Python) and other operators will be carried out. During this period, one patent was completed through cooperation.

-Support the development of multi branch visualization process, industry case collection and sorting, industry template development, automatic modeling, visualization and code modeling transformation in the later product upgrading process.

2018/3–2021/3	Xi'an Insightzen Co.,Ltd.[3 Years] **Big Data Engineer& Project Manager**
Job description:	In the Insightzen company, I am mainly responsible for the design, construction and implementation of the data channel and analysis part of the big health platform,which including data understanding, data access and cleaning, EDA , big data visualization, etc.
	I can seamlessly cooperation with our global team (North America, India), and have unique exploration experience and domain knowledge in natural language processing and insurance data anomaly detection.
	I have applied for 10 software copyrights, 2 patents and 2 technical novelty searches in the Insightzen company. During the development of the project, we signed a contract with the people's Posts and Telecommunications Publishing House for a book on natural language processing, which is currently being written.I have helped the company to pass the national high-tech enterprise certification, and I am familiar with the overall workflow of the start-up company.
2020/11–Present	Xi'an Insightzen Co.,Ltd. **Cervical liquid based cytology artificial intelligence medical device**
Project description:	By cooperated with Dian testing in the research and development of cervical liquid based cytology artificial intelligence medical device, including three types of tasks: the development of pathological cytology labeling software; the construction of industry standard data set; the development of algorithm model.
Responsibility description:	The annotation software is developed by QT + OpenCV. In the annotation tool, I mainly assist in the annotation tool architecture selection, task assign, toolbar development, including zooming, color selection, etc. I am also responsible for the design of data set construction scheme.
2019/10–2020/11	Xi'an Insightzen Co.,Ltd. **InsightOne platform**
Project description:	Insightone platform is the core platform of the company, including intelligent underwriting, claims investigation and quick claims. The goal is to reduce costs and improve efficiency for health insurance companies in the field of insurance technology.
Responsibility description:	The whole project was developed with Python and Django. At the beginning of the project, I was responsible for the standardized disassembly and warehousing of data. Later, as out team needs to project management, I turn to mainly responsible for project scheduling and ensuring the timely delivery of the project.
2018/3–2019/9	Xi'an Insightzen Co.,Ltd. **Insurance, inspection and testing, physical examination institutions, research group of Peking University, POC**
Project description:	In the initial stage of the company, I was mainly responsible for cooperating with the North American analysis team, obtaining user data, building ETL process analysis process based on AWS, and conducting exploratory data analysis. Assist the company in the preparation of soft work, patent and application materials.

Responsibility description：	After obtaining the original data from customers, use spark EMR or panda in AWS cloud, use Python script to input the data into Oracle or elasticsearch according to the industry standard, use a variety of means to carry out exploratory data analysis, obtain the basic attributes of the data, and help customers understand and understand the data. Clean according to business requirements or cooperate with data analysis team to build anomaly detection or risk control model. Deliver the API based on cloud platform to customers.
2016/7-2018/3	The Tenth Research Institute of telecommunication science and technology [1 year 8 month] Big Data Engineer Information Integrated Technology Department

Job description：	I am mainly responsible for public security related project POC in the company, and verify the function and performance of the product in the customer business scenario.
	The main contents are as follows
	1. Build a big data product platform on the customer's site, communicate with customers, and implement the project implementation and installation deployment of big data platform software on the big data platform according to the customer's needs or business scenarios.
	2. Provide on-site professional services, including system, big data cluster fault analysis and diagnosis, data analysis services, business application docking migration, improve the overall solution.

2016/10-2017/1	The Tenth Research Institute of telecommunication science and technology **Email topic analysis and named entity recognition**
Project description:	The goal of this project is to explore the interest bias and named entity recognition of short texts such as e-mail in a single and distributed environment. The system uses open source word segmentation system Jieba library, hive, spark and other technologies, through data cleaning storage, segmentation of structured data, stop word processing,graph calculation and other operations achieved analysis of e-mail and Named entity recognition.
Responsibility description：	In this project, I am mainly as a software engineer to lead an intern to co-ordinate the whole project.
	Coding in the Python, shell script ,to use hive, spark to achieve data cleaning, storage, word segmentation, stop word processing, and so on, formed documents and papers finally.

2016/7-2018/3	The Tenth Research Institute of telecommunication science and technology **The police cloud data project**
Project description:	This project mainly realizes the means of providing information, inquiring, analyzing and dealing with cases through the means of big data. I am mainly responsible for communicating with customers needs, and verify our software products.
	The police cloud system using CDH and TDH platform, using Hadoop open source ecosystem co

	mponents, achieve the statistical analysis of police data, and provides a query interface in the application layer, combined with the report generation, document material technology has greatly improved the efficiency of the police office.
Responsibility description：	In this project, I mainly provide POC and cluster operation and maintenance support as the role of software developers.I am mainly responsible for the entire life cycle of POC, including the communication with the user to confirm the validation model, shell, write SQL, Python script model, later through a report to provide support for customer service, and ultimately developed order business system lay the foundation of documents, data and code.
	Cluster maintenance including the installation server operating system, big data platform to build cluster infrastructure deployment and maintenance, parameter tuning, to provide a stable support for the upper business platform.

2013/9–2016/6　**Shaanxi Normal University**

Master degree| graphics and image processing, three-dimensional reconstruction

IBM 　　　　| internship 2015/3–2015/9

2013/1–2013/8　　Xi'an tianwendian Network Technology Co., Ltd　**Remote monitoring project**

Project description:　　Remote monitoring system based on C / S architecture

Responsibility description：　Participate in the maintenance task of a remote monitoring project based on Windows platform, mainly scan the target machine according to the configuration file to obtain the specific suffix file. Responsible for the development of remote monitoring project based on MAC notebook IOS 10.6 and 10.8 platform, mainly realized the file management, including file upload and download. Command line execution and other functions.

2012/7–2012/9　　Shenzhen Chinasoft Technology Co., Ltd

Responsibility description:　　internship

2008/9–2012/7　　Xi'an University of Arts and Sciences

Bachelor degree| c/c++, data structure, database, assembly language programming, microcomputer principle, the principle of computer organization computer network operating system .

2014　　　　　　**National computer technology and software professional qualification exam software designer (passed)**

2011　　　　　　National College English competition third prize

2011   **CET-6（481）**

Scientific research achievements:

[1]wangyaning, liangxingang. Stereo matching method based on interfaced image[J]. Computer technology and development, 2016, No.9-10.
[2]liushigang, wangyaning. Stereo matching method based on interfaced image.Announcement No:CN105005988A.Patent