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Work Experience

SAP - Software Engineer

2015.8-Now

Responsible for Knowledge Based Article Retrieval Framework development, mainly working on: 1) develop document search applications (about 2 million visits per month) on the cloud platform, 2) propose precise search suggestion for customer with trained document model, 3) result rank boosting from different dimensions to provide better search quality for customer, 4) application performance optimization to achieve better user experience.

HP - Automation Test Engineer

2015.3-2015.8

Transaction process automation test based on SAP System using JavaScript/VBScript.

Marvell - Test Engineer

2014.8-2015.3

Stability test, module test for TV box on Android platform.

Projects

Document Search Applications/APIs

Develop applications/APIs searching for documents from different repositories with filtering, sorting and additional functionalities. Responsible for data modeling, UI feature/backend logic implementation and communication with database. Ensure applications meet requirements of performance. Perform user data track and analysis to provide better quality and user experience. (MVC, JavaScript, REST API, AJAX, SQL, ABAP, Data Modeling, XML, CSS)

Search Suggestion

Propose precise search keyword suggestion for customer according to words relevance in the documents. Working on basic natural language processing including word correction, stop words removal, stemming and lemmatization. Vectoring and training documents via word2vec model. (Python)

Search result rank boosting

Optimizing search result rank from several dimensions: document ratings, referenced documents and so on. Implement abbreviated version of page rank. Receive much positive feedback from customers after the project went live.

Education

Shanghai University of International Business and Economics

2010-2014

Bachelor: Economics (top 10% & Excellent Graduate)

Skills

Skilled in: **Python, JavaScript, SQL, ABAP, Git; Data structure, Algorithm;**

Understand: **Database, Text Retrieval, Docker, REST, MVC, Continuous Delivery, Agile Management;**

Reference

Some small projects (like Python game) written in part time can be found at <https://github.com/Gini5>