

# Yilan Hu

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## Work Experience

### **SAP - Software Engineer**

**2015.8-Now**

- Full stack developer mainly working on Documents Retrieval Framework development, including develop search applications on cloud platform, propose search suggestion, result rank boosting, performance optimization and user data analysis.
- Scrum Master in the team (9 team members)

### **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

### **Web-based Search Applications**

Develop applications searching for documents from different repositories with filtering, sorting and additional functionalities. Frontend developer, responsible for UI feature development and communication with backend on the cloud platform (MVC, UI5 (based on JS), REST API, AJAX, XML, ABAP, CSS, Node.js). User data track and analysis.

### **Search Application/APIs on SAP S4/HANA system**

Develop application/APIs searching for documents on SAP S4/HANA system. Full-stack developer working on data modeling/retrieval, UI and backend logic implementation and communication with database. Ensure applications meet requirements of performance. (ABAP, Data Modeling, SQL)

### **Search Suggestion**

Propose 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 documents via word2vec model. (Python)

### **Search result rank boosting**

Optimizing search result rank from several dimensions: ratings, referenced documents and so on. Implement abbreviated version of page rank.

## Education

Shanghai University of International Business and Economics

2010-2014

Bachelor: Economics (top 10%)

## Skills

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

Understand: **Database, Docker, CSS, XML, HTML, REST, MVC, Text Retrieval, Agile Management;**