Department of computer sicence and technology   https://github.com/kuyezhiying ◎
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CHAO HUANG

EDUCATION EXPERIENCE

CURRENT 2014-2017	Master in COMPUTER SCIENCE AND TECHNOLOGY **Southeast University**, Nanjing, China Comprehensive results: Above 80 (top 26% in class)
2009-2013	Bachelor in SOFTWARE ENGINEERING **Xi'an University of Technology**, Xi'an, China Comprehensive results: Above 80 (top 10% in class)

PROFESSIONAL SKILLS

Programming Language:	Java (extensive use), C/C++/C#, HTML/CSS/Javascript (working knowledge)
Algorithms & Theory:	Semantic Web, Machine Learning, Natural Language Processing
Tools & Platforms:	Git, SVN, Eclipse/MyEclipse, Visual Studio, CodeBlocks
OS & Databases:	Windows, Linux(Ubuntu/Redhat), MySQL, SQL Server, Neo4j, Jena

INTERNSHIP EXPERIENCE

JUN 2016 - SEP 2016	**Comapny** : Microsoft Corporation **Role** : Software Engineer Intern **Responsibility** : Mainly responsible for the designment and development of some features on the *ontology mapping tool* . **Outcome** : The tool is designed to map a schema which is extracted from a web site to the whole satori ontology schema, and generate the mapping rules for the subsequent entity ingestion and matching process automatically. During the internship, I completed the pagination and search module, and realized the features of mapping rules auto completion and error detection.

PROJECT EXPERIENCE

OCT 2015 - FEB 2016	A WHY-NOT QUESTION ANSWERING SYSTEM OVER RDF DATA Given an input query and why-not questions provided by users, the system construct a new query with graph pattern matching method which can return the user-expected items. Then an explaining procedure is executed to compute the explanations. *Java, Jena, Lucene, Pellet, Neo4j*
JUL 2015 - SEP 2015	VISUALIZATION FOR DOMAIN-SPECIFIC KNOWLEDGE GRAPH For a domain-specific knowledge graph, the project seeks a visualization method to present the figure graph and event graph, which can convey the relations intuitively and convenient for users to discovery some latent information with interaction. *Java (SpringMVC Framework), Html/Css/Javascript, Bootstrap, Mysql*
JUN 2015 - JUL 2015	NAIVE BAYES - BASED MULTI-CLASS CHINESE TEXT CLASSIFICATION Training a naive bayes model on the news corpus from Sogou laboratory, and predicate the class of a new article. The precision of prediction is about 85.7% and the recall is about 83.6%. *Java, IKAnalyzer*
MAR 2015 - MAY 2015	SEMANTIC SEARCHING SYSTEM Given a natural language query, the system first transforms the information stored in a relational database to an ontology. Then, it parses the input query and convert to a sparql query, executes the query over the ontology to obtain results and presents to users. *Java, MyEclipse, Mysql, D2R*

Academic Workshops

Apr. 2016   Advance in Knowledge Graph and Question Answering Systems, Beijing, China
Dec. 2015   Advance in Knowledge Graph, (CCFADL), Beijing, China
Nov. 2015   Machine Learning Application(MLA), NLP Forum, Nanjing, China

Language Skills

English: Good at speaking and writing, skilled in reading comprehension.
Certification: CET-4 (score: 465)   CET-6 (score: 484)

Awards

Jul. 2016   "Most Creative Project" in Microsoft Suzhou hackathon
Nov. 2015   "Three-good graduate student" honorary title
Jun. 2015   "Outstanding party member" honorary title
Apr. 2013   The middle third class scholarship(top 10% in school)
Apr. 2012   The middle third class scholarship(top 10% in school), "Three-good student" honorary title
Sep. 2011   "Excellent league member" honorary titles
Mar. 2011   National Encouragement scholarship(top 5% in school), "Good pacesetter"