

Yukai Tu

CONTACT INFORMATION	<i>Computer Science Department</i> University of California, Los Angeles PO Box 90024 825 Weyburn Terrace, Apt.59, Los Angeles, California	<i>Mobile:</i> +1-310-562-9182 <i>E-mail:</i> ytu@cs.ucla.com
WORK EXPERIENCE	Red Hat Software Co. Ltd. <ul style="list-style-type: none">• <i>Team:</i> PnT DevOps QE Team• <i>Position:</i> Quality Engineer Intern• <i>In Charge Of:</i> Test Automation• <i>Capability:</i> Python, Robot Framework, Selenium, git/gerrit.• <i>Achievements:</i><ul style="list-style-type: none">• Implemented over 300 automation test cases for project PELC, automation test coverage over 90%.• Designed and implemented over 150 automation test cases for project distill and pungi4.	From Jan, 2016 to June, 2016
PROJECT EXPERIENCE	Future Internet Architecture Program <i>Capability:</i> Java, C++, gerrit. <ul style="list-style-type: none">• Implemented cache logic and other tools in open source project CCNxTomcat based on Tomcat• Proposed and implemented a scheduling mechanism for CCNxTomcat which reduce average 30% delay for requests.• Participated in the release of version 0.4.0-beta1 of NFD. Distributed document crawler and retrieval system <i>Capability:</i> Python, kafka, ElasticSearch. <ul style="list-style-type: none">• Developed a distributed crawler system which crawled more than 1 billion court document records using python, kafka and noSQL .• Developed a search engine for retrieving court documents Using ElasticSearch and Java. Website Data Store and Display <i>Capability:</i> Php, Mysql, Bootstrap, Highcharts. <ul style="list-style-type: none">• Created a web page for display the data CURD operation.• Simulated and displayed the theory of communication network.	July 2014 to present Sep. 2015 to Jan. 2016 Sep. 2014 to Jan. 2016
EDUCATION	Master of Computer Science University of California, Los Angeles <ul style="list-style-type: none">• <i>Advisor:</i> Prof. Lixia Zhang• <i>Area:</i> Database, Named Data Networking, Animats-Based Modeling Bachelor of Information Engineering Beijing University of Posts and Telecommunications <ul style="list-style-type: none">• <i>Major GPA:</i> 89.08/100• <i>Area:</i> Website, Network Service, Future Internet Architecture Program	From Sep, 2016, expected June, 2018 From Sep, 2012 to July, 2016
PUBLICATIONS	[1] Guoshun Nan, Xiuquan Qiao, Yukai Tu , Wei Tan, Lei Guo and Junliang Chen. Design and Implementation the Native Web Browser and Server for Content-Centric Networking . In: ACM Sigcomm 2015 , <i>Poster</i> .	