

Wang, Daoyuan

Cellphone: +86-152-1686-1267

E-mail: me at daoyuan.wang

EDUCATION	<i>Bachelor of Engineering</i> , Zhejiang University, Hangzhou, China Oct 2009 to Jun 2013 Enrolled in HE Zhijun Honored Class and graduated with a HE Zhijun Certification. Won <i>Student of Excellence</i> in 2011-2012. Major: Computer Science Overall GPA 3.83/4	
COMPUTER SKILLS	◇ <i>Languages & Software</i> : JAVA, Scala, Python, C/C++, C#, PHP, SQL, R, Ruby, BASIC, Assembly, JavaScript, Linux Shell, Windows Shell, Verilog HDL, Matlab, OpenCV, OpenGL, OpenMP, L ^A T _E X, MS Office. ◇ <i>Operating Systems</i> : Windows, Linux.	
WORK EXPERIENCE	<ul style="list-style-type: none">Involved in GIVE Lab during undergraduate.Worked at Intel APAC R&D (Shanghai) as a Software Engineer Intern from Sept 2012 to Feb 2013.Work for Intel SSG PRC Cloud Computing Since Jul 2013, focusing on Hadoop/Spark and related projects.	
MAJOR PROJECTS	<i>TAS(Transcode as A Service)</i>	Sept 2012 to Dec 2012
	Transcode as a service on Hadoop. <ul style="list-style-type: none">Won 2nd place on Intel[®] SWPC China 2012.	
	<i>Project Panthera ASE</i>	Jul 2013 to Feb 2014
	A PL/SQL like implementation and performance optimization based on HIVE. <ul style="list-style-type: none">Cooperated with two other engineers, source available at Github.Part of Intel[®] Distribution for Hadoop(<i>IDH</i>).	
	<i>HiBench</i>	March 2014 to Dec 2014
	HiBench is a big data benchmark suite. <ul style="list-style-type: none">Open-source project, available at Github.Released HiBench 3.0, adding MRv2 support to HiBench.	
	<i>Apache Spark</i>	Apr 2014 to Now
	Apache Spark [™] is a fast and general engine for large-scale data processing. <ul style="list-style-type: none">Apache top-level project.Senior contributor in the community, mainly focused on SQL module.	
	<i>Intel OAP (codename: Spinach)</i>	Feb 2017 to Now
	OAP is our team's efforts for ad-hoc queries support on Spark SQL. <ul style="list-style-type: none">Open-source from June 2017.	
AWARDS	Won 3rd prize(the 19th place) in the 11th Zhejiang University Programming Contests, and 3rd prize(the 10th place) in the 12th.	
Translation	<i>Learning Spark: Lightning-fast Data Analysis</i> (Chinese version)	O'Reilly

Talk

Tuning Garbage Collection for Spark Applications

QCon Shanghai 2015, Shanghai, Oct 2015

Spinach: Run Ad-hoc Queries on top of Spark SQL

DTCC 2017, Beijing, May 2017

OAP: Optimized Analytics Package for Spark Platform

Spark Summit 2017, San Francisco, Jun 2017

OAP: Optimized Analytics Package for Spark Platform

Strata Beijing 2017, Beijing, Jul 2017

Miscs

Github: <https://github.com/adrian-wang>