

Dong Yuyang

Ph.D. Candidate

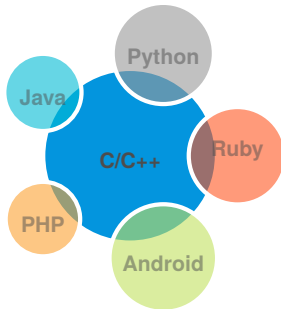
Web & Git

<http://www.dblab.is.tsukuba.ac.jp/tou/>
<https://github.com/Dongyuyang/>

Profile

My name is Dong yuyang. I am now a Ph.D candidate at the University of Tsukuba, Japan, major in Computer Science. My research topic is Similarity Search Algorithms for Query Processing.

Programming



Languages

Chinese ★★★★★
English ★★★★★
Japanese ★★★★★

Education

2009 - 2013 **China University of Mining & Technology (CUMTB), Beijing**

Bachelor of Engineering
System & Information. Department of Computer Science

2014 - 2016 **University of Tsukuba**

Master of Engineering
Graduate School of Systems & Information Engineering, Department of Computer Science.
Supervisor: Prof. Hiroyuki Kitagawa

2016 - 2019 **University of Tsukuba**

Doctor of Engineering
Graduate School of Systems & Information Engineering, Department of Computer Science.
Supervisor: Prof. Hiroyuki Kitagawa

International Publications

Yuyang Dong, Hanxiong Chen, Kazutaka Furuse, Hiroyuki Kitagawa.

"Aggregate Reverse Rank Queries"

Proc.27th International Conference on Database and Expert Systems Applications (**DEXA 2016**), pp.87-101, Porto, Portugal, September 5-8. (**Best Paper Award**)

Yuyang Dong, Hanxiong Chen, Jeffery Xu Yu, Kazutaka Furuse, Hiroyuki Kitagawa.

"Grid-Index algorithm for reverse rank queries"

Proc. 20th International Conference on Extending Database Technology (**EDBT 2017**), pp 306-317, Venice, Italy, March 21-24, 2017.

Yuyang Dong, Hanxiong Chen, Kazutaka Furuse, Hiroyuki Kitagawa.

"Efficient Processing of Aggregate Reverse Rank Queries"

Proc.28th International Conference on Database and Expert Systems Applications (**DEXA 2017**), pp.159-166, Lyon, France, August 28-31, 2017.

Yuyang Dong, Hanxiong Chen, Kazutaka Furuse, Hiroyuki Kitagawa.

"Efficient Methods for Aggregate Reverse Rank Queries"

IEICE TRANSACTIONS on Information and Systems. Vol.E101-D, No.4, pp.-, April. 2018.

Experience

- 04/2014 - 05/2017 **Website developer (Part time job)** [IISEE](#)
Server management with LAMP (Linux, Apache, MySQL, PHP).
- 04/2014 - now **Software developer (Part time job)** [QuickMesh Corporation](#)
Data structure, algorithm design, implementation (C++).
- 08/2014 - 08/2014 **Data analyst (Internship)** [TOSHIBA Corporation, Japan](#)
Analysis the electricity consumption of TOSHIBA building (R language).
- 10/2014 - 10/2014 **Software Developer (Internship)** [NTT DATA Corporation, Japan](#)
Take part in a SCRUM (Agile software development) team and develop an android app.
- 04/2015 - now **Teaching Assistant** [University of TSUKUBA](#)
Course: Data engineering; Data system; CS Seminar.
- 2016 - now **External reviewer of international conference and journal**
KAIS, ICSC2017, ISM2017, SoICT 2017, ICMR2018.
- 04/2017 - 03/2018 **Research Assistant** [University of TSUKUBA, RIKEN](#)
Research and Development on Real World Big Data Integration and Analysis

Honors & Awards

- 4/2016 - 3/2018 **JASSO Scholarship**
- 4/2018 - 3/2019 **MEXT Japanese Government Scholarship**
- 9/2016 **Best Paper Award on international conference of DEXA2016**
- 3/2017 **Student Presentation Award on domestic conference of DEIM2017**
- 3/2018 **Student Presentation Award on domestic conference of DEIM2018**

May 20th, 2018

Dong Yuyang