Yuandou Wang

Science Park 904, 1098 XH, Amsterdam, the Netherlands
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Personal Homepage: https://judiths1618.github.io/
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Education Background

2020.10 - , Multiscale Networked Systems, University of Amsterdam, the Netherlands

Standard Ph.D. candidate, Multiscaled Networked Systems, majoring in Distributed data management and processing, as an *early-stage researcher (ESR2)* funded by the CLARIFY project grant agreement No. 860627, H2020 -MSCA - ITN – 2019

Supervised by Prof. Dr. Paola Grosso and A. Prof. Dr. Zhiming Zhao

2016.9–2019.6, Chongqing University (Double first-class, project 985 and project 211 members), China

Master's Degree of Engineering, majoring in Computer Science and Technology, College of Computer Science

Graduate Recommendation Project, GPA: 83.7/100

Supervised by Prof. Yunni Xia

2012.9–2016.6, Chongqing University (Double first-class, project 985 and project 211 members), China

Bachelor's Degree of Engineering, majoring in Computer Science and Technology, College of Computer Science

GPA: 3.28/4.0, Rank: 22/164

Publications

The first-authored conference paper(s)

• **Yuandou Wang**, Jiajia Jiang, Yunni Xia, Quanwang Wu, Xin Luo, Qinsheng Zhu. A Multi-stage Dynamic Game-Theoretic Approach for Multi-Workflow Scheduling on Heterogeneous Virtual Machines from Multiple Infrastructure-as-a-Service Clouds in 15th *International Conference on Services Computing* (SCC 2018) pp137-152, 2018. (CCF-C, EI-indexed)

The first-authored journal paper(s)

• **Yuandou Wang**, Hang Liu, Wanbo Zheng, Yunni Xia, Yawen Li, Peng Chen, Kunyin Guo, Hong Xie. Multi-Objective Workflow Scheduling with Deep-Q-Network-based Multi-Agent Reinforcement Learning in *IEEE Access* Volume 7, Issue 1, pp 39974-39982, 2019, DOI: 10.1109/ACCESS.2019.2902846. (Impact Factor: 4. 098)

Awards & Honors

• Class A Graduate Scholarship in College of Computer Science   Oct 2018

• Outstanding student cadres in Chongqing University   Jan 2018

• Class A Graduate Scholarship in College of Computer Science   Oct 2016

• 3rd Prize in Chongqing University Smart-Campus App Design Competition   May 2015

• Honorable Mention with Interdisciplinary Contest in Modeling   Feb 2015

Skills

Programming	Python/Latex(Skillful), Excel/Visio/draw.io (Skillful), Linux/Unix (Basic)
Languages	English (IELTS score: overall 6.5, Listening 6.5, Reading 7.0, Writing 7.0, Speaking 6.0), Chinese (native), Chongqing dialect

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Professional Experience

Implemented TSA prediction based-on CloudSim Mar 2017 - Jun 2017

 • Stimulated VM Scheduling strategies via TSA prediction based on CloudSim with Java

Implemented OneScheduler based-on OpenStack Mar 2016 - Jun 2016

 • Simulated parallel requests and dynamically collected online data from OpenStack with Python

 • Used the ARIMA model to analyze history datasets for the sake of a better performance

Parallel Systems Programming Sep 2015 - Nov 2015

 • Wrote parallel program using pthreads to efficiently detect the same elements in large data set

 • Wrote MPI program for sorting algorithms to simulate collective communication in parallel system (https://github.com/Judiths/collective-codeC)

Courseware training cloud service platform based on PaaS Aug 2015 - Sep 2015

 • Configured and deployed preliminary environments along with Hadoop, MySQL

Employment recommendation system Apr 2015 - May 2015

 • Deployed the preliminary environment such as Solr with formatted JSON data on server

 • Implemented the web crawler that grabbed the current data from http://www.zhaopin.com/ with Java solrJ

Secondhand book trading system Mar 2015 - Apr 2015

 • Co-designed the system and corresponded relational database with UML models and E-R models

 • Designed JSON interface functions between Android and server