Siyu Yu

Phone: (0086) 15277152073 | Email: gaiusyu6@gmail.com
Address: No.2001 Longxiang Road, Shenzhen, Guangdong
Homepage: https://gaiusyu.github.io/

RESEARCH INTREST

Intelligent software engineering, Distributed system, with special interests in Log Analysis (Log Parsing, Log Compression, Log-based Anomaly Detection).

PERSONAL STATEMENT

I am currently a research assistant in the School of Data Science with The Chinese University of HongKong Shenzhen, Shenzhen, China, supervised by professor Pinjia He. I received the B.S. and M.S. degree from Guangxi University, supervised by professor Ningjiang Chen. My research lies within Software Engineering, with special interests in software log analysis.

PUBLICATIONS

Selected research papers:

Title	Conference/Journal	Authors	Level
Log parsing with generalization ability under unseen log types.	ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering **(ESEC/FSE2023)**	**Siyu Yu**., Yifan Wu, Zhijing Li, Pinjia He, Ningjiang Chen*, Changjian Liu.	**CCF-A,**
Brain: Log Parsing with Bidirectional Parallel Tree	IEEE Transactions on Service Computing **(TSC 2023)**	**Siyu Yu**, Pinjia He, Ningjiang Chen*,Yifan Wu.	**CCF-A,** **Impact factor=11.019**
Self-supervised log parsing using semantic contribution difference.	Journal of Systems and Software **(JSS 2023)**	**Siyu Yu**, Ningjiang Chen*, Yifan Wu, WenSheng Dou.	**CCF-B** **Impact factor=3.514**
Predicting gray fault based on context graph in container-based cloud.	2021 IEEE International Symposium on Software Reliability Engineering Workshops **(ISSREW)**	**Siyu Yu**, Ningjiang Chen*, Birui Liang.	

China National Software Copyright:

1. Container cloud system fault monitoring software V1.0 license number：2022SR00087015 (first author).
2. Intelligent tourism big data analysis system V1.0 license number：2021SR1172369 (first author).

PROJECT EXPERIENCE

1. National Key Research and Development Project of China (No. 2018YFB1404404), Research and development of cloud platform for comprehensive technology service of Beibu Gulf urban agglomeration.
Responsible for cloud platform development, system reliability and system testing   September 2020 - June 2022

2. National Natural Science Foundation of China (No. 62162003), Research on Key Technologies of Intelligent Collaborative Service in Cloud-Edge Computing System.
Responsible for cloud-edge system reliability research   January 2022 - June 2023

3. National Natural Science Foundation of China (No. 61762008), Research on key technologies of autonomous management of software-defined container cloud storage.
Responsible for container cloud system reliability research   September 2020 - December 2022

4. Guangxi Key Laboratory of Finance and Economics Big Data 2022 Open Fund Project (No. FEDOP2022A02)
Responsible for project application and log parsing technology research   December 2022 - June 2023

FUNDING AND REWARDS

1. Outstanding Master Thesis Award of Guangxi University;
2. 2023 Outstanding graduates of Guangxi University;
3. 2022 Outstanding Student of Guangxi University;

4. 2022 First-Class Scholarship for Graduate Studies;
5. 2021 First-Class Scholarship for Graduate Studies;
6. 2020 First-Class Scholarship for Graduate Studies;
7. 2017 National English Competition for College Students Excellence Award；
8. Foreign Language Teaching and Research Press Cup National English Reading Contest Excellence Award;
9. Guangxi Third Prize in the 11th National College Students Mathematics Competition.

SOCIAL EXPERIENCE

1. I love sports especially badminton and have participated in many badminton events.

Others

Personal github repository for research： https://github.com/gaiusyu ,

Google Scholar: https://scholar.google.com/citations?user=PBRCSToAAAAJ&hl=en&oi=sra