Junejielong Xu

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Education

The Chinese University of Hong Kong, Shenzhen   2022.09-Present

Ph.D. student in Computer Science, GPA: 3.72/4.0, supervised by Prof. Pinjia He

Research topics: Log Analysis, LLMs, Root Cause Analysis, Failure Diagnosis, Anomaly Detection.

Huazhong University of Science and Technology   2018.09-2022.06

B.Eng. in Electronic and Information Engineering, GPA: 3.8/4.0.

Publications

- **[ICSE'24]** *Junjielong Xu**, Ruichun Yang, Yintong Huo, Chengyu Zhang, and Pinjia He. 2024. *"DivLog: Log Parsing with Prompt Enhanced In-Context Learning"*. In 2024 IEEE/ACM 46th International Conference on Software Engineering.

  Research Track, Accepted in 2023.10.10

- **[ICSE'24]** *Junjielong Xu**, Ziang Cui, Yuan Zhao, Xu Zhang, Shilin He, Pinjia He, Liqun Li, Yu Kang, Qingwei Lin, Yingnong Dang, Saravan Rajmohan, and Dongmei Zhang. 2024. *"UniLog: Automatic Logging via LLM and In-Context Learning"*. In 2024 IEEE/ACM 46th International Conference on Software Engineering.

  Research Track, Accepted in 2023.08.24

- **[ESEC/FSE'23]** *Junjielong Xu**, Qiuai Fu, Zhouruixing Zhu, Yutong Cheng, Zhijing Li, Yuchi Ma, and Pinjia He. 2023. *"Hue: A User-Adaptive Parser for Hybrid Logs"*. In Proceedings of the 31st ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering.

  Research Track, Accepted in 2023.07.27

Awards

China Undergraduate Mathematical Contest in Modeling   2020

1st **Prize**. "Modeling of Reflow Soldering Oven Temperature Control", Team Leader.

Mathematical Contest in Modeling   2020

Finalist. "Modeling of Reflow Soldering Oven Temperature Control", Solo, no teammates.

Intern

Huawei Cloud DevAI Lab   2023.06-2023.09

- Leading research topics in LLM4Log.
- Responsible for AIOps and log analysis technical support.

Tencent IEG   2021.06-2021.08

- Participate in the design and implementation of the logger component for the Xiao Yue SDK.
- Daily development on Android platform.

Teaching

@CUHK-SZ

- CSC4001 Software Engineering.   Spring 2023
- CSC1003 Java Programming.   Fall 2022

Services

External Reviewer

- Conferences: ICSE'24, ESEC/FSE'23, OOPSLA'23, SANER'23, ISSRE'23.
- Transactions: TSE'23.