

Shaoyu Yang

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Education

Nantong University	2020.09 – Now	
School of Information Science and Technology	Software Engineering	B.Eng.
Nanjing University	2024.09	
Software Institute	Software Engineering	M.Eng.
admitted to Software Institute, Nanjing University in advance		
University of Macau	2023.01	
As a visiting student, I have a short visit to UM. The visiting topic is AI and Big Data Overseas Experience		
• Grade: 88/100		
• Rank: 1/70 (top 1.43%)		
• English: CET-4 (551)、CET-6 (482)		

Research Interest and Experience

Reaesrch on Stack Overflow Question Title Generation and Completion. 2022.09 – 2023.06

Supervisor: Prof. Xiang Chen

My work and Contribution

- **Methodology:** Design a [data augmentation](#) method with random masking and [hybrid prompt](#) template with [bi-modal information](#).
- **Experiment:** Replicate baselines & Code for designed approach and ablation studies & Analyze results.
- **Manuscript:** Paper draft & edit & review
- **Revision:** Response draft

Publications (*equal contribution)

- **[EMSE-24]:** Automatic Bi-modal Question Title Generation for Stack Overflow with Prompt Learning. [Shaoyu Yang](#), Xiang Chen, Ke Liu, Guang Yang, Chi Yu
Empirical Software Engineering. 2024 [CCF-B](#)
- **[ICPC-23]:** QTC4SO: Automatic Question Title Completion for Stack Overflow. Yanlin Zhou*, [Shaoyu Yang*](#), Xiang Chen, Zichen Zhang, Jiahua Pei
In Proceedings of the 31st IEEE/ACM International Conference on Program Comprehension [CCF-B](#)
🏆 ACM SIGSOFT DISTINGUISHED PAPER AWARD (2/22)
- **[APSEC-23]:** Assessing the Effectiveness of Vulnerability Detection via Prompt Tuning: An Empirical Study. Guilong Lu, Xiaolin Ju, Xiang Chen, [Shaoyu Yang](#), Liang Chen, Hao Shen
In Proceedings of The 30th Asia-Pacific Software Engineering Conference (APSEC 2023) ([CCF-C](#))
- **[Internetware-23]:** APICom: Automatic API Completion via Prompt Learning and Adversarial Training-based Data Augmentation. Yafeng Gu, Yiheng Shen, Xiang Chen, [Shaoyu Yang](#), Yiling Huang, Zhixiang Cao
In Proceedings of the 14th Asia-Pacific Symposium on Internetware (Internetware 2023) ([CCF-C](#))

Selected Awards

- **🏆 National Scholarship (top 0.2%)** 2023.12
- Nantong City merit student 2023.05
- First-class scholarship of Nantong University 2023.09
- First-class scholarship of Nantong University 2022.09
- Merit student of Nantong University 2023.09
- Outstanding student leader of Nantong University 2022.09