

Yuwei Yin (Joey) 阴昱为

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WORK EXPERIENCE

- **The University of Hong Kong (HKU)** Pokfulam, Hong Kong
Research Assistant (Full-time, Onsite, Paid) Sep. 2022 – Present
 - **Affiliation:** HKU NLP Group, Department of Computer Science, Faculty of Engineering
 - **Duty:** Conducting research on multimodal natural language processing and FinTech.
- **Microsoft (MSFT)** Haidian, Beijing, China
Research Intern (Full-time, Onsite, Paid) Nov. 2020 – Sep. 2021
 - **Affiliation:** Natural Language Computing (NLC) Group, Microsoft Research Asia (MSRA)
 - **Duty:** Conducted research on multilingual neural machine translation.

EDUCATION

- **Beihang University (BUAA)** Haidian, Beijing, China
Ph.D. (Dropped-out) in Computer Science at State Key Lab of Software Dev. Env. Sep. 2019 – Sep. 2021
M.Eng. (Transferred) in Computer Technology at School of Computer Sci. & Eng. Sep. 2018 – Jun. 2019
GPA: 92/100; Rank 3%
- **Beijing Information Science and Technology University (BISTU)** Chaoyang, Beijing, China
B.Eng. in Computer Science and Technology at School of Computer Science Sep. 2014 – Jun. 2018
GPA: 93/100; Rank 1st of 202

PUBLICATIONS

Google Scholar || OpenReview || Semantic Scholar || ResearchGate || AMiner || ORCID || DBLP || ACL Anthology

Research Interests: Artificial General Intelligence, Natural Language Processing, Multilingualism & Multimodality

PREPRINTS

- [P4] *MT4CrossOIE: Multi-stage Tuning for Cross-lingual Open Information Extraction*
Zixiang Wang, Linzheng Chai, Jian Yang, Jiaqi Bai, Jiaheng Liu, Hongcheng Guo, Tongliang Li, Liqun Yang, Yuwei Yin, Hebboul Zine el-abidine, Sibusiso Reuben Bakana, Zhoujun Li
Under review || arXiv Aug 2023
- [P3] *FinPT: Financial Risk Prediction with Profile Tuning on Pretrained Foundation Models*
Yuwei Yin, Yazheng Yang, Jian Yang, Qi Liu
Under review || arXiv 2308.00065 || Code || FinBench Data Jul 2023
- [P2] *M3IT: A Large-scale Dataset towards Multimodal Multilingual Instruction Tuning*
Lei Li, Yuwei Yin, Shicheng Li, Liang Chen, Peiyi Wang, Shuhuai Ren, Mukai Li, Yazheng Yang, Jingjing Xu, Xu Sun, Lingpeng Kong, Qi Liu
Under review || arXiv 2306.04387 || M3IT Data || M3IT-80 Data Jun 2023
- [P1] *TTIDA: Controllable Generative Data Augmentation via Text-to-Text and Text-to-Image Models*
Yuwei Yin, Jean Kaddour, Xiang Zhang, Yixin Nie, Zhenguang Liu, Lingpeng Kong, Qi Liu
Under review || arXiv 2304.08821 || Code Apr 2023

CONFERENCE PROCEEDINGS

- [C7] *GanLM: Encoder-Decoder Pre-training with an Auxiliary Discriminator*
Jian Yang, Shuming Ma, Li Dong, Shaohan Huang, Haoyang Huang, Yuwei Yin, Dongdong Zhang, Liqun Yang, Zhoujun Li and Furu Wei
Published in Conference ACL 2023 || Paper || arXiv 2212.10218 || Code Jul 2023
- [C6] *HanoiT: Enhancing Context-aware Translation via Selective Context*
Jian Yang, Yuwei Yin, Shuming Ma, Liqun Yang, Hongcheng Guo, Haoyang Huang, Dongdong Zhang, Yutao Zeng, Zhoujun Li, Furu Wei
Published in Conference DASFAA 2023 || Paper || arXiv 2301.06825 Apr 2023
- [C5] *CROP: Zero-shot Cross-lingual Named Entity Recognition with Multilingual Labeled Sequence Translation*
Jian Yang, Shaohan Huang, Shuming Ma, Yuwei Yin, Li Dong, Dongdong Zhang, Hongcheng Guo, Zhoujun Li, Furu Wei
Published in Conference EMNLP 2022 Findings || Paper || arXiv 2210.07022 || Code Dec 2022
- [C4] *UM4: Unified Multilingual Multiple Teacher-Student Model for Zero-Resource Neural Machine Translation*
Jian Yang*, Yuwei Yin*, Shuming Ma, Dongdong Zhang, Shuangzhi Wu, Hongcheng Guo, Zhoujun Li, Furu Wei
Published in Conference IJCAI-ECAI 2022 || Paper || arXiv 2207.04900 || Code Jul 2022
- [C3] *HLT-MT: High-resource Language-specific Training for Multilingual Neural Machine Translation*
Jian Yang, Yuwei Yin, Shuming Ma, Dongdong Zhang, Zhoujun Li, Furu Wei
Published in Conference IJCAI-ECAI 2022 || Paper || arXiv 2207.04906 || Code Jul 2022
- [C2] *Improving Multilingual Neural Machine Translation with Auxiliary Source Languages*
Weijia Xu, Yuwei Yin, Shuming Ma, Dongdong Zhang, Haoyang Huang
Published in Conference EMNLP 2021 Findings || Paper || Code Nov 2021

- [C1] *Multilingual Agreement for Multilingual Neural Machine Translation*
Jian Yang, [Yuwei Yin](#), Shuming Ma, Haoyang Huang, Dongdong Zhang, Zhoujun Li, Furu Wei
Published in Conference [ACL-IJCNLP 2021](#) || [Paper](#) || [Code](#) Aug 2021

JOURNAL ARTICLES

- [J1] *GTrans: Grouping and Fusing Transformer Layers for Neural Machine Translation*
Jian Yang, [Yuwei Yin](#), Shuming Ma, Haoyang Huang, Dongdong Zhang, Furu Wei, Zhoujun Li
Published in Journal [IEEE TASLP](#) || [Paper](#) || [arXiv 2207.14467](#) || [Code](#) Nov 2022

ACADEMIC SERVICE

PEER REVIEW (PROGRAM COMMITTEE)

- Conference Proceedings
 - The 38th Annual AAAI Conference on Artificial Intelligence ([AAAI 2024](#)) 2023
 - The 61st Annual Meeting of the Association for Computational Linguistics ([ACL 2023](#)) 2023
 - The 2023 Conference on Empirical Methods in Natural Language Processing ([EMNLP 2023](#)) 2023
 - The Fortieth International Conference on Machine Learning ([ICML 2023](#)) 2023
- Journal Articles
 - ACM Transactions on Asian and Low-Resource Language Information Processing ([ACM TALLIP](#)) 2023
 - IEEE Transactions on Audio, Speech, and Language Processing ([IEEE TASLP](#)) 2022

HONORS

SCHOLARSHIPS

- National Scholarship (Awarded by The Ministry of Education of China) Nov. 2016 & Nov. 2017
- Excellent Academic Scholarship (Awarded by BISTU) Jan. 2016 & Jan. 2017 & Jan. 2018
- Research and Innovative Scholarship (Awarded by BISTU) Jan. 2016 & Jan. 2017
- Social Contribution Scholarship (Awarded by BISTU) Jan. 2017 & Jan. 2018

AWARDS

- Award of Excellence in Starts of Tomorrow Internship Program (Awarded by MSRA) Sep. 2021
- Beijing Outstanding Graduate Award (Awarded by Beijing Municipal Commission of Education) Jul. 2018
- Outstanding Graduate Award (Awarded by BISTU) Jul. 2018
- Diligent Study & Research Pioneer Award (Awarded by BISTU) Dec. 2017

PRIZES

- 1st Prize in The 32nd National Physics Competition, Beijing District (Awarded by Beijing Physics Society) Dec. 2015
- 1st Prize in The 9th Mathematics Competition (Awarded by BISTU) Jun. 2015