Yuwei Yin (Joey) 阴昱为

Homepage ‖ Scholar ‖ GitHub ‖ LinkedIn ‖ Email: seckexyin@gmail.com

教育经历

- **英属哥伦比亚大学(UBC)** — 温哥华, 卑诗省, 加拿大
  计算机科学-理学硕士(博士轨道项目), 计算机科学系 — *2024.01 – 至今*

- **北京航空航天大学(BUAA)** — 海淀, 北京, 中国
  计算机科学-工学博士(放弃学位: 主动退学), 软件开发环境国家重点实验室 — *2019.09 – 2021.09*
  计算机技术-工学硕士(放弃学位: 硕博连读), 计算机学院(6系) — *2018.09 – 2019.06*
  学分绩点: 92/100; 专业排名3%

- **北京信息科技大学(BISTU)** — 朝阳, 北京, 中国
  计算机科学与技术-工学学士, 计算机学院 — *2014.09 – 2018.06*
  学分绩点: 93/100; 专业排名1^{st}/202

工作经历

- **英属哥伦比亚大学(UBC)** — 温哥华, 卑诗省, 加拿大
  <u>教学助理</u> *(全职, 现场, 有薪)* — *2024.01 – 2024.04*
  - **隶属**: 计算机科学系, 科学学院
  - **职责**: 协助教授完成课程教学: CPSC 440/550 Advanced Machine Learning.

- **香港大学(HKU)** — 薄扶林道, 中西区, 香港
  <u>研究助理</u> *(全职, 现场, 有薪)* — *2022.10 – 2023.12*
  - **隶属**: 香港大学自然语言处理实验室(HKUNLP), 计算机科学系, 工程学院
  - **职责**: 完成科研项目, 主要方向: 多模态自然语言处理, 金融科技.

- **微软(MSFT)** — 海淀, 北京, 中国
  <u>研究实习生</u> *(全职, 现场, 有薪)* — *2020.11 – 2021.09*
  - **隶属**: 自然语言计算组(NLC), 微软亚洲研究院(MSRA)
  - **职责**: 完成科研项目, 主要方向: 多语言机器翻译.

学术成果

Google Scholar ‖ Semantic Scholar ‖ OpenReview ‖ HuggingFace ‖ RG ‖ AMiner ‖ ORCID ‖ DBLP ‖ ACM ‖ ACL
研究兴趣: 人工智能, 自然语言处理, 多语言, 多模态, 世界模型

投稿在审

- **[P3] UniCoder: Scaling Code Large Language Model via Universal Code**
  Tao Sun, Linzheng Chai, Jian Yang, <u>Yuwei Yin</u>, Hongcheng Guo, Jiaheng Liu, Bing Wang, Liqun Yang, Zhoujun Li
  Under review ‖ arXiv ‖ Code — *Mar 2024*

- **[P2] Red Teaming Visual Language Models**
  Mukai Li, Lei Li, <u>Yuwei Yin</u>, Masood Ahmed, Zhenguang Liu, Qi Liu
  OpenReview ‖ arXiv 2401.12915 ‖ RTVLM Data — *Jan 2024*

- **[P1] M³IT: A Large-scale Dataset towards Multimodal Multilingual Instruction Tuning**
  Lei Li, <u>Yuwei Yin</u>, Shicheng Li, Liang Chen, Peiyi Wang, Shuhuai Ren, Mukai Li, Yazheng Yang, Jingjing Xu, Xu Sun, Lingpeng Kong, Qi Liu
  OpenReview ‖ arXiv 2306.04387 ‖ M3IT Data — *Jun 2023*

会议论文

- **[C8] m³P: Towards Multimodal Multilingual Translation with Multimodal Prompt**
  Jian Yang, Hongcheng Guo, <u>Yuwei Yin</u>, Jiaqi Bai, Bing Wang, Jiaheng Liu, Xinnian Liang, Linzheng Chai, Liqun Yang, Zhoujun Li
  Accepted in Conference *LREC-COLING 2024* ‖ arXiv 2403.17556 ‖ InstrMulti102 Data — *May 2024*

- **[C7] GanLM: Encoder-Decoder Pre-training with an Auxiliary Discriminator**
  Jian Yang, Shuming Ma, Li Dong, Shaohan Huang, Haoyang Huang, <u>Yuwei Yin</u>, 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, <u>Yuwei Yin</u>, 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, <u>Yuwei Yin</u>, 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*, <u>Yuwei Yin</u>*, 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, <u>Yuwei Yin</u>, 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, <u>Yuwei Yin</u>, 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, <u>Yuwei Yin</u>, Shuming Ma, Haoyang Huang, Dongdong Zhang, Zhoujun Li, Furu Wei
  Published in Conference *ACL-IJCNLP 2021* ‖ Paper ‖ Code *Aug 2021*

期刊论文

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

预印文章

- [A3] **MT4CrossOIE: Multi-stage Tuning for Cross-lingual Open Information Extraction**
  Zixiang Wang, Linzheng Chai, Jian Yang, Jiaqi Bai, <u>Yuwei Yin</u>, Jiaheng Liu, Hongcheng Guo, Tongliang Li, Liqun Yang, Hebboul Zine el-abidine, Zhoujun Li
  arXiv 2308.06552 ‖ Code *Aug 2023*
- [A2] **FinPT: Financial Risk Prediction with Profile Tuning on Pretrained Foundation Models**
  <u>Yuwei Yin</u>, Yazheng Yang, Jian Yang, Qi Liu
  arXiv 2308.00065 ‖ Code ‖ FinBench Data *Jul 2023*
- [A1] **TTIDA: Controllable Generative Data Augmentation via Text-to-Text and Text-to-Image Models**
  <u>Yuwei Yin</u>, Jean Kaddour, Xiang Zhang, Yixin Nie, Zhenguang Liu, Lingpeng Kong, Qi Liu
  arXiv 2304.08821 ‖ Code *Apr 2023*

学术服务

审稿人(程序委员会)

- 会议审稿
  - ARR: ACL Rolling Review *2023, 2024*
  - NAACL: Annual Conference of the North American Chapter of the Association for Computational Linguistics *2024*
  - EACL: Conference of the European Chapter of the Association for Computational Linguistics *2024*
  - ACL: Annual Meeting of the Association for Computational Linguistics *2023*
  - EMNLP: Conference on Empirical Methods in Natural Language Processing *2023*
  - ICML: International Conference on Machine Learning *2023*
- 期刊审稿
  - ncomms: Nature Communications *2023*
  - TALLIP: ACM Transactions on Asian and Low-Resource Language Information Processing *2023*
  - TASLP: IEEE/ACM Transactions on Audio, Speech, and Language Processing *2022*

奖项荣誉

奖学金

- 国家奖学金 (颁发机构: 中华人民共和国教育部) *2016 & 2017*
- 学习优秀奖学金 (颁发机构: 北京信息科技大学) *2016 & 2017 & 2018*
- 科技创新奖学金 (颁发机构: 北京信息科技大学) *2016 & 2017*
- 社会贡献奖学金 (颁发机构: 北京信息科技大学) *2017 & 2018*

荣誉奖项

- 明日之星实习生项目-优秀奖 (颁发机构: 微软亚洲研究院) *2021.11*
- 北京市2018届本科优秀毕业生 (颁发机构: 北京市教育委员会) *2018.07*
- 北京信息科技大学2018届本科优秀毕业生 (颁发机构: 北京信息科技大学) *2018.07*
- 百名时代先锋之勤奋治学先锋 (颁发机构: 北京信息科技大学) *2017.12*

竞赛比赛

- 一等奖, 第三十二届全国大学生物理竞赛, 北京地区 (颁发机构: 北京物理学会) *2015.12*
- 一等奖, 北京信息科技大学第九届大学生数学竞赛 (颁发机构: 北京信息科技大学) *2015.06*