Yuwei Yin - *Curriculum Vitae*

Email: seckexyin@gmail.com
Homepage: yuweiyin.com

GitHub: github.com/YuweiYin
Google Scholar: scholar.google.com
LinkedIn: linkedin.com/in/yuwei-yin

EDUCATION

- **Beihang University (BUAA)** — Haidian, Beijing, China
  Ph.D. in Cyberspace Security *(Dropped-out)*, Intelligent Information Process Institute — *Sep. 2019 – Sep. 2021*
  M.Sc. in Computer Technology *(Transferred)*, School of Computer Science & Engineering — *Sep. 2018 – Jun. 2019*

- **Beijing Information Science and Technology University (BISTU)** — Chaoyang, Beijing, China
  B.Eng. in Computer Science and Technology, School of Computer Science — *Sep. 2014 – Jun. 2018*

EXPERIENCE

- **The University of Hong Kong (HKU)** — Pokfulam, Hong Kong
  <u>*Research Assistant*</u> *(Full-time)* — *Sep. 2022 – Present*
    - **Affiliation**: HKU NLP Group, Department of Computer Science.
    - **Duty**: Leading research projects based on graph neural networks and multimodal generation. **Manager**: Qi Liu.

- **Microsoft (MSFT)** — Haidian, Beijing, China
  <u>*Research Intern*</u> *(Stars of Tomorrow Internship Program) (Full-time)* — *Nov. 2020 – Sep. 2021*
    - **Affiliation**: Natural Language Computing (NLC) Group, Microsoft Research Asia (MSRA).
    - **Duty**: Conducted research on multilingual neural machine translation. **Mentor**: Shuming Ma.

- **Chinese Academy of Sciences (CAS)** — Haidian, Beijing, China
  <u>*Research Intern*</u> *(Talent Cultivation Program) (Full-time) (Unpaid)* — *Sep. 2017 – Jun. 2018*
    - **Affiliation**: Trusted Computing and Information Assurance (TCA) Group, Institute of Software.
    - **Duty**: Developed a privacy-protected system (Android & Web). **Advisor**: Zhenfeng Zhang, Chengxia Liu.

PUBLICATION

Interests: Computational Linguistics, Machine Translation, Multilingualism & Multimodality, Commonsense & Interpretability
(* indicates equal contribution)

CONFERENCE PROCEEDINGS

- [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, and Furu Wei
  Accepted in Conference *DASFAA 2023* ‖ 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-EACI 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-EACI 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*

JOURNAL ARTICLES

- [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 and Zhoujun Li
  Published in Journal *IEEE T-ASLP* ‖ Paper ‖ arXiv 2207.14467 ‖ Code — *Nov 2022*

PREPRINTS

- [P1] ***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
  Under review ‖ arXiv 2212.10218 — *Dec 2022*

SERVICE

PEER REVIEW

- Conference Proceedings
  - The 61st Annual Meeting of the Association for Computational Linguistics (ACL 2023)   *2023*

- Journal Articles
  - ACM Transactions on Asian and Low-Resource Language Information Processing (TALLIP)   *2023*
  - IEEE Transactions on Audio, Speech, and Language Processing (TASLP)   *2022*

HONOR

SCHOLARSHIPS

- China National Scholarship   (top 1%, National level)   *Nov. 2016 & Nov. 2017*
- Excellent Academic Scholarship   (top 10%, University level)   *Jan. 2016 & Jan. 2017 & Jan. 2018*
- Research and Innovative Scholarship   (University level)   *Jan. 2016 & Jan. 2017*
- Social Contribution Scholarship   (University level) (volunteer services for 200+ hours)   *Jan. 2017 & Jan. 2018*

AWARDS

- Award of Excellence in Starts of Tomorrow Internship Program   (Awarded by MSRA)   *Sep. 2021*
- Beijing Outstanding Graduate Award   (top 5%, Provincial level)   *Jul. 2018*
- Outstanding Graduate Award   (top 5%, University level)   *Jul. 2018*
- Diligent Study & Research Pioneer Award   (top 3%, University level)   *Dec. 2017*

PRIZES

- 1st Prize in The 32nd National Physics Competition, Beijing District   (top 5%, Provincial level)   *Dec. 2015*
- 1st Prize in The 9th Mathematics Competition   (top 5%, University level)   *Jun. 2015*