

YUWEI YIN (JOEY)

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EDUCATION

Beihang University

Beijing, China, Sep. 2018 – Sep. 2021

State Key Laboratory of Software Development Environment, School of Computer Science and Engineering

Integrated M.S. & Ph.D. (dropout) M.S. in Machine Learning & Ph.D. in Natural Language Processing (from 2019)

GPA: 91.7/100, rank 3rd of 80 doctoral students in School of Computer Science and Engineering

Beijing Information Science & Technology University

Beijing, China, Sep. 2014 – Jun. 2018

Bachelor of Engineering (honours) in Computer Science and Technology

GPA: 92.7/100, rank 1st of 202 students in Computer Science and Technology, Computer School

EXPERIENCE

Microsoft Research Asia

Nov. 2020 – Sep. 2021

- Research Intern (Stars of Tomorrow Internship Program) in Natural Language Computing Group (NLC)
- Engaged in multilingual neural machine translation research, mentored by Shuming Ma

State Key Laboratory of Software Dev. Env., Beihang University

Sep. 2018 – Jun. 2019

- Funded program Expert Database Management System, project manager: Xiaoming Zhang
- Developed the data mining (crawling, cleaning, and statistical analysis) and website system

Institute of Software Chinese Academy of Sciences

Sep. 2017 – Jun. 2018

- Research Intern in Trusted Computing and Information Assurance, advised by Zhenfeng Zhang, Chengxia Liu
- Developed a privacy-protected bicycle-sharing system (Android & Web applications) based on single sign-on

Computer School, Beijing Information Science & Technology University Sep. 2015 – Dec. 2016

- National Undergraduate Innovation Project, advised by Xuping Ma
- Developed a smart band system to measure the heart rate and sports situation (Software & Hardware)
- Publication: *Design and Implementation of Smart Band System* ([CN-Journal](#))

PUBLICATIONS

- **Research Interests:** Natural Language Understanding & Generation, Multilingual NLP, Interpretable NLP

★ *Multilingual Agreement for Multilingual Neural Machine Translation*

[ACL-IJCNLP 2021](#)

Jian Yang, [Yuwei Yin](#), Shuming Ma, Haoyang Huang, Dongdong Zhang, Zhoujun Li, Furu Wei

★ *Improving Multilingual Neural Machine Translation with Auxiliary Source Languages*

[EMNLP 2021](#)

Weijia Xu, [Yuwei Yin](#), Shuming Ma, Dongdong Zhang, Haoyang Huang

TEACHING AND ACADEMIC SERVICE

Teaching Assistant

- *Discrete Mathematics* (B3I061142), Beihang University, professor: Zhoujun Li Fall 2019

Invited Reviewer

- *IEEE/ACM Transactions on Audio, Speech, and Language Processing* 2022

Mentorship

- Masters: Caijun Bao, Xinxin Song, Nannan Shi, Yuling Deng 2019 – 2020

PROFESSIONAL SKILLS

- **Programming Languages:** Python, C/C++, Java, Bash, HTML & CSS & JavaScript, PHP, SQL
- **Toolkits & Libraries:** PyTorch, Tensorflow, Keras, Fairseq, scikit-learn, Gensim, NLTK, CoreNLP
- **Data Analysis:** Crawler (BeautifulSoup4, Scrapy), Numpy, Pandas, Matplotlib, t-SNE
- **System Development:** Vue.js, Django, Node.js, Java Web, Android SDK
- **Office Software:** L^AT_EX, Markdown, Word, PowerPoint, Excel, Visio, Mind Map, UML Modeling

HONOURS AND AWARDS

- **Award**
 - **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
- **Scholarship**
 - **China National Scholarship** (top 1%, National level) Nov. 2016 & Nov. 2017
 - **Excellent Academic Scholarship** (top 10%, University level) Jan. 2016 & Jan. 2017 & Jan. 2018
 - **Social Contribution Scholarship** (University level) Jan. 2017 & Jan. 2018
 - **Research and Innovative Scholarship** (University level) Jan. 2016 & Jan. 2017
- **Competition**
 - **1st Prize in The 32nd National Physics Competition, Beijing** (top 5%, Provincial level) Dec. 2015
 - **1st Prize in The 9th Mathematics Competition** (top 5%, University level) Jun. 2015

MISCELLANEOUS

- **Languages:** Mandarin (native), English (fluent), French & German & Japanese (elementary)
- **Interests:** Philosophy, Mathematics, Physics, Cosmology, Algorithm, Polyglot, Soccer, Calisthenics
- **Motto:** Wir müssen wissen, wir werden wissen! – David Hilbert, 1930