Wenjing Hu

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Personal Website: http://huwenjing0819.github.io

EDUCATION BACKGROUND

Nanjing University, Nanjing   *Sep 2021 – Jun 2025(expected)*

BS in Computer Science and Technology | **GPA：4.65/5.0 (1/209)**

Related Courses: Introduction to Artificial Intelligence (100), Probability Theory and Mathematical Statistics (100)

RESEARCH EXPERIENCE

- **Nature Language Processing Research Group, Nanjing University**, Nanjing   *Sep 2022 – Present*

  Machine Translation Intern instructed by Prof. Shujian Huang

  ° **Dictionary Definition Augmented NMT**: Designed and built a two-stage machine translation framework which leverages dictionary definition resources, namely selection and fusion; the proposed method outperforms baseline models and previous definition fusion methods in terms of translation quality

  ° Data enhancement: back translation, pre-trained language models

  ° Guwen-LLM: A large language model of classical Chinese specialization is being built and is expected to be put into practical application

PROFESSIONAL EXPERIENCE

- **Pixel Tips, Google**, Shanghai   *Jun 2023 – Sep 2023*

  Engineering Intern hosted by Kelly Zhang and Sijie Liu

  ° **Automated Content Uploading**: Designed and built a content uploading pipeline to automatically format the content and upload the formatted assets to code base

  ° Full stack project: Contributed code to Tips CMS (Content Management System) mainly using Java and Angular

HONORS AND AWARDS

- Duxia Scholarship (only 6 undergraduates in NJU), 2023
- National Scholarship (top 1%), 2022
- First Prize in 14th Chinese Mathematics Competition, 2022
- Outstanding Student, 2021-2022

PUBLICATIONS

- Jiahuan Li, Ruochun Wu, **Wenjing Hu**, Jiaxuan Chen, Weilu Xu, Shujian Huang, and Jiajun Chen. "Dictionary Definition Augmented Neural Machine Translation for Ancient Chinese Text". In The 19th China Conference on Machine Translation, 2023, awarded as Best Paper

LEADERSHIP AND VOLUNTEERING

- **Department of Computer Science and Technology Student Union, Nanjing University**, Nanjing

  President   *Sep 2023 – Present*

  Deputy Minister of Propaganda Department   *Sep 2022 – Jun 2023*

  ° Organized activities (*e.g.*, experts talk, festival celebration, *etc.*) for students majored in Computer Science and Technology

- **Morning Star Cloud Teaching Project, Nanjing University**, Nanjing   *May 2022*

  Team Leader

  ° Popularized big data technology knowledge online for primary school students in Shuangbai County with a view to promoting a balanced allocation of education resources

SKILLS, INTEREST & OTHERS

- **Programming Languages**: C/C++, Python, Java, HTML, CSS, TypeScript, Bash
- **Frameworks & Tools**: PyTorch, TensorFlow, Qt, Git, Angular
- **Languages**: Chinese(native), English(proficient, CET-6 663)
- **Interests**: Travelling, Painting(Watercolors, Sketches)