

Yuheng Chen

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🐙 <https://github.com/heng840>

📄 <https://scholar.google.com/citations?user=QCCcWXcAAAAJhl=en>



Education

2018.09 – 2022.06 📖 **Beihang University, Beijing, China**
Bachelor of Engineering.

2022.06 – Present 📖 **Institute of Automation, Chinese Academy of Sciences**, Master's Student
Advisor: Jun Zhao

Publication and Preprint

📖 **Yuheng Chen**, P. Cao, Y. Chen, *et al.*, *Journey to the center of the knowledge neurons: Discoveries of language-independent knowledge neurons and degenerate knowledge neurons*, 2023. arXiv: 2308.13198 [cs.CL]. 🔗 URL: <https://ojs.aaai.org/index.php/AAAI/article/view/29735>

AAAI 2024

📖 **Yuheng Chen**, P. Cao, Y. Chen, *et al.*, “The da vinci code of large pre-trained language models: Deciphering degenerate knowledge neurons,” 2024. arXiv: 2402.13731. 🔗 URL: <https://arxiv.org/abs/2402.13731>

Engineering Projects

📖 **Information Extraction Project**
https://github.com/heng840/All_pipeline_Information_Extraction



📖 **Adaptation of LLaMA for Chinese Instructions**
<https://github.com/heng840/alpaca-lora-chinese>

📖 **LLaMAPDF**
<https://github.com/heng840/LLaMAPDF>








Experience

2022.01 – 2022.03 📖 **Algorithm Intern.** Yilan Technology Core R&D Team. Responsible for implementing real-time speech recognition and speech synthesis functionalities.

Skills

- Languages  Native in Chinese. Strong in reading and writing English, with moderate speaking skills.
- Coding  Python.

Award

- 2019-2020 and 2020-2021  National Motivation Scholarship.
- 2019  The Second Prize of China Undergraduate Physics Tournament.
-  The Third Prize of The Chinese Mathematics Competitions.
- 2020  First Prize in Beihang University's Academic Competition Scholarship.
-  Completed summer and winter school programs at Peter the Great St. Petersburg Polytechnic University in Russia.
- 2021  Awarded the First Prize in Beihang University's Outstanding Academic Scholarship.
-  Meritorious Winner Prize of the Mathematical Contest in Modeling and the Interdisciplinary Contest in Modeling (MCM/ ICM).
-  The Third Prize in the Feng Ru Cup Competition.