

Congda Ma

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Programming Language: Python

Language: Chinese, Japanese, English

Education

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| Institute of Science Tokyo (formerly Tokyo Institute of Technology) PhD candidate in Natural Language Processing | Apr 2021 - , Japan |
| Japan Advanced Institute of Science and Technology M.S. of Information Science in Natural Language Processing | Apr 2019 - Mar 2021, Japan |
| Nanjing University of Chinese Medicine B.S. of Science in Applied Psychology | Sep 2011 - Jun 2015, China |

Experience

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| Research Internship, Sony Group Corporation Well under control in the generated dialog by applying a novel method combining prompt learning and RAG. This method can train a dialog generation character by using a small amount of training data. It <u>outperformed in human evaluation</u> . | Aug 2023 - Sep 2023 |
| Research Internship, rinna Getting the <u>state-of-the-art performance</u> in control ability in single attribute text generation task with LLMs by mitigating bias with a novel method based on PEFT. | May 2022 - Dec 2022 |
| Internship, Mitsubishi Heavy Industries Getting <u>10% increase</u> in accuracy of the information extract system by applying a seq2seq model. | Jan 2020 - Feb 2020 |

Honor and Award

- Tsubame Scholarship
- JAIST Scholarship
- Ishikawa Scholarship
- Language and Intelligence Challenge 2020 (Machine Reading Comprehension): Top 5%

Publication

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| Debiasing Large Language Models with Structured Knowledge Congda Ma, Tianyu Zhao, and Manabu Okumura | Findings of ACL 2024 |
| Coherent Story Generation with Structured Knowledge Congda Ma, Kotaro Funakoshi, Kiyoaki Shirai, and Manabu Okumura | RANLP 2023 |
| Focused Prefix Tuning for Controllable Text Generation Congda Ma, Tianyu Zhao, Makoto Shing, Kei Sawada, and Manabu Okumura | ACL 2023 |

Certification

- Microsoft Certified: Security Operations Analyst Associate
- Microsoft Certified: Azure Cosmos DB Developer Specialty
- JLPT N1