

Congda Ma

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Programming Language: Python

Language: Chinese, Japanese, English

Education

Institute of Science Tokyo (formerly Tokyo Institute of Technology)

Apr 2021 - Now , Japan

PhD candidate in Okumura-Funakoshi Lab

Japan Advanced Institute of Science and Technology

Apr 2019 - Mar 2021, Japan

M.S. of Information Science in Natural Language Processing

Nanjing University of Chinese Medicine

Sep 2011 - Jun 2015, China

B.S. of Science in Applied Psychology

Experience

Research Internship, Sony Group Corporation

Aug 2023 - Sep 2023

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 outperformed in human evaluation.

Research Internship, rinna

May 2022 - Dec 2022

Getting the state-of-the-art performance in control ability in single attribute text generation task with LLMs by mitigating bias with a novel method based on PEFT.

Internship, Mitsubishi Heavy Industries

Jan 2020 - Feb 2020

Getting 10% increase in accuracy of the information extract system by applying a seq2seq model.

Honor and Award

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

Publication

Debiasing Large Language Models with Structured Knowledge

Findings of ACL 2024

Congda Ma, Tianyu Zhao, and Manabu Okumura

Coherent Story Generation with Structured Knowledge

RANLP 2023

Congda Ma, Kotaro Funakoshi, Kiyoaki Shirai, and Manabu Okumura

Focused Prefix Tuning for Controllable Text Generation

ACL 2023

Congda Ma, Tianyu Zhao, Makoto Shing, Kei Sawada, and Manabu Okumura

Certification

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