

Congda Ma

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Programming Language: Python

Language: Chinese, English, Japanese

Education

Tokyo Institute of Technology

PhD candidate in Natural Language Processing

Apr 2021 - Apr 2025, 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

Research Internship, Sony Group Corporation

Aug 2023 - Sep 2023

Well maintaining the personality and background of the fictional character in the generated dialog by applying a method combining prompt learning and RAG, which trains a dialog generation character by using a small amount of training data. It obtained the best performance in human evaluation.

Research Internship, rinna

May 2022 - Dec 2022

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

Internship, Mitsubishi Heavy Industries

Jan 2020 - Jan 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 (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

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