Sotaro Takeshita

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Education

The National University of Electro-Communication · *Tokyo, Japan*
B.S. IN COMPUTER SCIENCE · *Apr. 2013 - Mar. 2018*

The National University of Electro-Communication · *Tokyo, Japan*
M.S. IN COMPUTER SCIENCE · *Apr. 2018 - Mar. 2020*

University of Mannheim · *Mannheim, Germany*
PH.D. STUDENT IN NATURAL LANGUAGE PROCESSING · *Sep. 2022 - Present*
Supervisor: Prof. Simone Paolo Ponzetto

Experience

University of Mannheim, Data and Web Science Group · *Mannheim, Germany*
RESEARCH VISITING · *Sep. 2019, two weeks*
- Short term research visit

Build It Inc. · *Tokyo, Japan*
DATA ANALYST & ML ENGINEER · *2015 - Present*
- Developed Web App (Backend & Frontend)
- Developed Recommendation system as SaaS

The University of Campinas, Faculty of Electrical and Computer Engineering · *Sao Paulo, Brazil*
RESEARCH INTERNSHIP · *Nov. 2018*
- Advisor: Prof. Dr. Eric Rohmer
- Developed Neural Network based Computer Vision system for self-driving wheel chairs.

NTT Media Intelligence Lab · *Kanagawa, Japan*
RESEARCH INTERNSHIP · *Sep. 2018*
- Developed dialogue systerm.

Recruit Holdings · *Kanagawa, Japan*
DATA SCIENCE INTERNSHIP · *Aug. 2017*
- Won a Best Work Prize

Sección de Estudios de Posgrado e Investigación de ESIME Culhuacan, Instituto Politecnico Nacional · *Mexico City, Mexico*
RESEARCH INTERNSHIP · *Feb. 2016 - Apr. 2016*
- Advisor: Mariko Nakano Miyatake

Publications

CONFERENCE

GenGO: ACL Paper Explorer with Semantic Features · *Bangkok, Thailand*
SOTARO TAKESHITA, SIMONE PAOLO PONZETTO, KAI ECKERT · *2024*
The 62nd Annual Meeting of the Association for Computational Linguistics, System Demonstration

ROUGE-K: Do Your Summaries Have Keywords? · *Mexico City, Mexico*
SOTARO TAKESHITA, SIMONE PAOLO PONZETTO, KAI ECKERT · *2024*
The 13th Joint Conference on Lexical and Computational Semantics colocated at NAACL 2024

ACLSum: A New Dataset for Aspect-based Summarization of Scientific Publications

Mexico City, Mexico

Sotaro Takeshita, Tommaso Green, Ines Reinig, Kai Eckert and Simone Paolo Ponzetto

2024

In Proceedings of the 2024 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL)

ZusammenQA: Data Augmentation with Specialized Models for Cross-lingual Open-retrieval Question Answering System

Seattle, Washington + Online

Chia-Chien Hung, Tommaso Green, Robert Litschko, Tornike Tsereteli, Sotaro Takeshita, Marco Bombieri, Goran Glavaš, Simone Paolo Ponzetto

2022

Workshop on Multilingual Information Access (MIA) at NAACL

X-SCITLDR: Cross-Lingual Extreme Summarization of Scholarly Documents

Cologne, Germany and Online

Sotaro Takeshita, Tommaso Green, Niklas Friedrich, Kai Eckert and Simone Paolo Ponzetto

2022

ACM/IEEE Joint Conference on Digital Libraries (JCDL)

Journal

Cross-lingual extreme summarization of scholarly documents

Sotaro Takeshita, Tommaso Green, Niklas Friedrich, Kai Eckert and Simone Paolo Ponzetto

2023

International Journal on Digital Libraries (IJDL)