

# Hayate Iso

PHD IN ENGINEERING · NLP RESEARCHER

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## Experience

### Megagon Labs

RESEARCH ASSOCIATE

Mountain View, CA

Apr. 2021 - present

### Megagon Labs

CONTRACTOR

Mountain View, CA

Jan. 2021 - Present

### Amazon

RESEARCH INTERN

Seattle, WA

Jul. 2020 - Oct. 2020

### Megagon Labs

RESEARCH INTERN

Mountain View, CA

Feb. 2020 - Jul. 2020

### ByteDance

RESEARCH INTERN

Beijing, China

May. 2019 - Nov. 2019

### Advanced Industrial Science and Technology

TECHNICAL TRAINEE

Tokyo, Japan

Oct. 2018 - Dec. 2018

### Japan Society for the Promotion of Science

RESEARCH FELLOWSHIPS FOR YOUNG SCIENTISTS (DC1)

Tokyo, Japan

Apr. 2018 - Feb. 2020

### RaRe Technologies

STUDENT INCUBATOR

Brno, South Moravia

Jul. 2016 - Sep. 2016

## Education

### Nara Institute of Science and Technology

PH.D. IN INFORMATION SCIENCE

Nara, Japan

Oct. 2017 - Mar. 2021

### Nara Institute of Science and Technology

M.E. IN INFORMATION SCIENCE

Nara, Japan

Apr. 2016 - Sep. 2017

### Osaka University

B.S. IN MATHEMATICAL SCIENCE

Osaka, Japan

Apr. 2014 - Mar. 2016

## Publication

### 1. Convex Aggregation for Opinion Summarization

Hayate Iso, Xiaolan Wang, Yoshihiko Suhara, Stefanos Angelidis, Wang-Chiew Tan

In *Findings of the Conference on Empirical Methods in Natural Language Processing (EMNLP)*, 2021

### 2. Fact-based Text Editinng

Hayate Iso, Chao Qiao, Hang Li

In *Proceedings of Association for Computational Linguistics (ACL)*, 2020.

### 3. Learning to Select, Track, and Generate for Data-to-Text

Hayate Iso, Yui Uehara, Tatsuya Ishigaki, Hiroshi Noji, Eiji Aramaki, Ichiro Kobayashi, Yusuke Miyao, Naoaki Okazaki, Hiroya Takamura

In *Proceedings of Association for Computational Linguistics (ACL)*, 2019.

### 4. NTCIR13 MedWeb Task: Multi-label Classification of Tweets using an Ensemble of Neural Networks

Hayate Iso, Camille Ruiz, Taichi Murayama, Katsuya Taguchi, Ryo Takeuchi, Hideya Yamamoto, Shoko Wakamiya, Eiji Aramaki

In *Proceedings of NTCIR Conference on Evaluation of Information Access Technologies*, 2017.

### 5. Density Estimation for Geolocation via Convolutional Mixture Density Network.

Hayate Iso, Shoko Wakamiya, Eiji Aramaki

arXiv preprint arXiv:1705.02750, 2017.

## 6. Forecasting Word Model: Twitter-based Influenza Surveillance and Prediction

Hayate Iso, Shoko Wakamiya, Eiji Aramaki

In *Proceedings of International Conference on Computational Linguistics (COLING)*, 2016.

## Honors & Awards

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- 2018 **Exemption the full amount of scholarship repayment**, JASSO
- 2017 **Best System Award (1st place)**, NTCIR13–MedWeb
- 2016 **Outstanding Research Award**, IPSJ-SIGNL
- 2016 **Extracurricular Research Funds (\$10,000)**, Osaka University

## Program Committees

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- 2021 **Program Committee**, ACL-IJCNLP.
- 2020 **Program Committee**, AACL-IJCNLP.
- 2020 **Program Committee**, Young Researcher Association for NLP Studies (YANS).
- 2019 **Program Committee**, Young Researcher Association for NLP Studies (YANS).
- 2018 **Program Committee**, COLING.