

## PERSONAL INFORMATION

## Haritz Puerto



 Darmstadt, Germany

 +82 010 9494 1576

 [haritzpuerto94@gmail.com](mailto:haritzpuerto94@gmail.com)

 <https://haritzpuerto.github.io>

[semanticscholar.org/author/Haritz-Puerto/1389023854](https://semanticscholar.org/author/Haritz-Puerto/1389023854)

 [linkedin.com/in/haritzpuerto/](https://www.linkedin.com/in/haritzpuerto/)

**Nationality** Spanish

## WORK EXPERIENCE

Jun. 2021 -

**Research Assistant**

UKP Lab@TU Darmstadt

Darmstadt, Germany

Research on Machine Learning and Natural Language Processing.

Jan. 2021 - May 2021

**Data Scientist**

Coleridge Initiative

Working on the Rich Context project developing a platform for dataset discovery from research publications. Organization of the Kaggle Competition Show US the Data. This project is the continuation of the Rich Context Competition I won in 2019 (see Projects and Awards Sections). <https://coleridgeinitiative.org/data-products/>

Aug. 2018 - Feb. 2021

**Research Assistant**

IR&amp;NLP Lab@KAIST

Daejeon, South Korea

Research on Machine Learning and Natural Language Processing. Specifically, Question Answering, Question Generation, Unsupervised Learning, Transformers, and Graph Neural Networks. Lab seminar organization and server administration. <http://ir.kaist.ac.kr/about/>

Jul. 2015 – Jul. 2017

**Software Engineer**

CLAROFLEX

Malaga, Spain

Development of an web-based enterprise resource planning (ERP) using Java EE, Python, and MySQL. <http://www.claroflex.com/en/productos/claroflex-erp-4/>

## EDUCATION

Aug. 2018 – Feb. 2021

**MSc in Computer Science**

GPA: 92.77/100

KAIST, South Korea

Korean Government Scholarship Program. <http://niied.go.kr/user/nd35203.do>

Aug. 2017 – Aug. 2018

**Korean Language Program**

Dongseo University, South Korea

Korean Government Scholarship Program

Aug. 2014 – Dec. 2014

**Exchange Semester**

Seoul National University, South Korea

Sep. 2012 – Jul. 2017 **BSc in Computer Science and Engineering**

GPA: 9.02/10

University of Malaga, Spain

Graduated with Honors

## LANGUAGES

Mother tongue Spanish

### Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Korean	B1	B1	B1	B1	B1
Test of Proficiency in Korean (TOPIK) Level 4					
French	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user  
[Common European Framework of Reference for Languages](#)

## PROJECTS

### MSc Thesis

A Hierarchical SRL Graph Network for Multi-Hop Question Answering

Dec. 2018 - Dec. 2020 **Exobrain**

Modeling multi-hop question answering using graph neural networks. Project funded by the Institute for Information & Communications Technology Planning & Evaluation (IITP) of the Korean Government. <http://exobrain.kr/pages/en/>

Oct. 2018 - Feb. 2019 **Rich Context Competition**

Won the honorable mention award in New York University's Coleridge Initiative Rich Context competition. The goal is to develop a machine learning model that identifies the datasets used in scientific publications. I solved the challenge modeling it as a Question Answering task and presented the project in the competition's workshop at New York University. <https://coleridgeinitiative.org/richcontext/richcontextcompetition/>

## PUBLICATIONS

\* indicates equal contribution.

- Junmo Kang\*, Giwon Hong\*, Haritz Puerto\*, Sung-Hyon Myaeng. **Regularization of Distinct Strategies for Unsupervised Question Generation**. In Findings of EMNLP, 2020.
- Doyeon Lim\*, Haritz Puerto\*, Sung-Hyon Myaeng. **Analysis of the Semantic Answer Types to Understand the Limitations of MRQA Models**. Journal of KIISE (2020).
- Book chapter **Finding Datasets in Publications: The KAIST Approach** in Rich Search and Discovery for Research Datasets. SAGE 2020.
- Junmo Kang\*, Haritz Puerto\*, and Sung-Hyon Myaeng. **Let Me Know What to Ask: Interrogative-Word-Aware Question Generation**. In Proceedings of the 2nd Workshop on Machine Reading for Question Answering, EMNLP 2019.
- Haritz Puerto\*, Doyeon Lim\*, and Sung-Hyon Myaeng. **Analysis of Answer Type Application Ability of State-of-the-Art Reading Comprehension Models for Question Answering Task**. In Proceedings of the Korea Computer Congress (2019). Best Paper Award.

## AWARDS

- Honorable Mention Award in NYU Coleridge Initiative's Rich Context Competition.
- Best Paper Award in the Korea Computer Congress 2019.
- Korean Government Scholarship Program (Korean language program and Master's Degree).
- European Institute of Innovation and Technology (EIT Digital) Master scholarship (Gracefully declined).
- Graduation with Honors from the Department of Computer Science at the University of Malaga.
- Honors in 14 courses at the Univeristy of Malaga (*Matricula de honor* in Spanish).
- Exchange Semester scholarship by the University of Malaga (to study at Seoul National University).
- Graduated with Honors from High School.