

# Daniel Daza

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Amsterdam, The Netherlands

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🏠 [dfdzac.github.io](https://dfdzac.github.io)

🔗 [dfdzac](#)

🐦 [danieldazac](#)

## Education

### Vrije Universiteit Amsterdam

September 2019 - Present

*PhD Candidate*

Amsterdam, The Netherlands

Supervisors: Paul Groth (University of Amsterdam), Michael Cochez (Vrije Universiteit Amsterdam)

### University of Amsterdam

September 2017 - August 2019

*MSc in Artificial Intelligence*

Amsterdam, The Netherlands

Cum Laude

Average: 8.3/10

Thesis: A modular framework for unsupervised graph representation learning

Supervisor: Thomas Kipf

### UD Francisco Jose de Caldas

August 2010 - August 2016

*BSc in Electronics Engineering*

Bogotá, Colombia

Average: 8.4/10. Graduated 1st place in class

Received three Honors Scholarship awards.

Thesis: Designing electrical machines with AI methods, *Merit Award*

## Interests

Information extraction, representation learning on knowledge graphs, weakly and unsupervised learning.

## Publications

- [D. Daza](#), M. Cochez, and P. Groth, **SlotGAN: Detecting Mentions in Text via Adversarial Distant Learning**  
ACL Workshop on Structured Prediction for NLP (2022). ([pdf](#), [code](#))
- E. Arakelyan\*, [D. Daza](#)\*, P. Minervini\*, and M. Cochez, **Complex Query Answering with Neural Link Predictors**  
ICLR (2021) - *Outstanding Paper Award* (top 1%). ([pdf](#), [code](#))
- [D. Daza](#), M. Cochez, and P. Groth, **Inductive Entity Representations from Text via Link Prediction**  
The Web Conference (2021). ([pdf](#), [code](#))
- [D. Daza](#) and M. Cochez, **Message passing query embedding**  
ICML Workshop on Graph Representation Learning (2020). ([pdf](#), [code](#))

\* Equal contribution

## Technical skills

Python, PyTorch, TensorFlow, Java, Android Programming, Matlab, Git.

## Work Experience

### University of Amsterdam

November 2018 – January 2019

*Teaching Assistant*

Amsterdam, The Netherlands

I guided students of the master's program in Artificial Intelligence following the Natural Language Processing course.

### Irdeto B.V.

June 2018 - August 2018

*Data Science Intern*

Hoofddorp, The Netherlands

Worked on the design and deployment of scalable machine learning products with TensorFlow on Kubernetes clusters and cloud storage.

**Chegg.com** January 2015 - August 2017

*Private Tutor*

Tutoring in mathematics, programming, databases, computer science, machine learning and scientific computing. Aided students around the world reviewing topics and assisting them on diverse projects.

**UD Francisco José de Caldas** August 2015 - December 2015

*Research Assistant*

Bogotá, Colombia

Worked on preparing seminars and events led by the Automation and Computational Intelligence Laboratory (LAMIC). Assisted on research, publication and teaching tasks carried out by the group.

**UD Francisco José de Caldas** February 2013 – June 2015

*Teaching Assistant*

Bogotá, Colombia

Guided students with assignments and laboratory projects, assisted professors on preparing their lectures and required materials, prepared demonstrations for the students to complement lectures.

#### Invited Talks

**Deloitte**, Amsterdam, The Netherlands June 2022

Learning Entity Representations from Knowledge Graphs and Textual Descriptions

**Zeta Alpha**, Amsterdam, The Netherlands September 2021

Inductive Entity Representations from Text via Link Prediction

**King's College London**, London, UK March 2021

Complex Query Answering with Neural Link Predictors

**Delft University of Technology**, Delft, The Netherlands September 2020

Graph Neural Networks for Query Answering Over Knowledge Graphs

**Elsevier**, Amsterdam, The Netherlands February 2020

Message Passing Query Embedding

#### Miscellaneous

**Oxford ML Summer School** August 2021

Attendee (5% acceptance rate)

**University of Bergen Summer School on Knowledge Graphs and Machine Learning** June 2022

Attendee, and speaker at oral presentation

#### Supervision

Stefan Schouten, “*Incorporating Semantics in Knowledge Graph Embeddings*” (MSc thesis, University of Amsterdam, 2021).

Qingzhi Hu, “*Data Integration and Predictive Modeling for Impact Investing*” (MSc thesis, University of Amsterdam, 2022).

Fredrik Skjelvik, “*Complex Query Answering in the Biomedical Domain*” (BSc thesis, Vrije Universiteit Amsterdam, 2022).