

Daniel Daza

Amsterdam, The Netherlands

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Education **Vrije Universiteit Amsterdam** September 2019 - Present
PhD Candidate Amsterdam, The Netherlands
Advisors: 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
Advisor: 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 Representation learning on graphs, information extraction, object and relation discovery, and unsupervised learning.

Publications

- 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 **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)

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