

# Daniel Daza

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

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## Education

**Vrije Universiteit Amsterdam**  
*PhD Student*

September 2019 - Present  
Amsterdam, The Netherlands

**University of Amsterdam**  
*MSc in Artificial Intelligence*  
Cum Laude  
Average: 8.3/10

September 2017 - August 2019  
Amsterdam, The Netherlands

Thesis: A modular framework for unsupervised graph representation learning

**UD Francisco José de Caldas**  
*BSc in Electronics Engineering*  
Average: 8.4/10. Graduated 1st place in class  
Received three Honors Scholarship awards.  
Thesis: Designing electrical machines with AI methods (Merit Award).

August 2010 - August 2016  
Bogotá, Colombia

## Interests

Relational and entity representation learning, machine learning on graph-structured data, and generative models.

## Work Experience

**Irdeto B.V.**  
*Data Science Intern*

June 2018 - August 2018  
Hoofddorp, The Netherlands

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

**UD Francisco José de Caldas**  
*Research Assistant*

August 2015 - December 2015  
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**  
*Research Member*

September 2015 – September 2016  
Bogotá, Colombia

Worked in the Electromagnetic Compatibility and Interference Group (GCEM). Carried out research in electric machinery design, computational modeling, machine learning for surrogate models and optimization algorithms.

## Teaching Experience

**University of Amsterdam**  
*Teaching Assistant*

November 2018 – January 2019  
Amsterdam, The Netherlands

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

**UD Francisco José de Caldas**  
*Teaching Assistant*

February 2013 – June 2015  
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.

	<b>Chegg.com</b> <i>Private Tutor</i> 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.	January 2015 - August 2017
<b>Independent Coursework</b>	<b>Deep Learning Specialization</b> Coursera - deeplearning.ai	September 2018
	<b>Machine Learning</b> Coursera - Stanford	September 2014
	<b>Autonomous Navigation for Flying Robots</b> edX - Technische Universität München	July 2014
	<b>Control of Mobile Robots</b> Coursera, Georgia Institute of Technology	March 2014
<b>Projects</b>	<b>Drumate for Android</b> An app for drummers that uses procedural generation of practice patterns to allow for the generation of many different practice patterns with little use of storage. As of June 2019 it has 200k+ downloads and an average rating of 4.8.	
<b>Languages and Frameworks</b>	Python, TensorFlow, PyTorch, Java, Android, Matlab, Git.	