Pedro J. **Ortiz Suárez**

Ph.D. Student

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Interests

Machine Learning, Deep Learning, Text Mining, NLP, Complex Algebraic Geometry.

Education

Sorbonne Université   *Paris, France*

Ph.D. in Computer Science   *Oct. 2018 - Present*

Ph.D. contract at Inria

Université de Paris 8, Vincennes–Saint-Denis   *Saint-Denis, France*

B.A.Sc. Mathematics and Computer Science applied to Human and Social Sciences   *Nov. 2017 - Sep. 2018*

Minor in Linguistics

Université d'Aix Marseille   *Marseille, France*

M.Sc. in Mathematics   *Sep. 2016 - Jun. 2017*

Full scholarship given by the LabEx Archimède

Universidad Nacional de Colombia   *Medellín, Colombia*

B.Sc. in Mathematics   *Jan. 2012 - Jun. 2016*

Admitted with honors, third place in the admission test

Experience

Inria - ALMAnaCH Team   *Paris, France*

Ph.D. Student   *Nov. 2018 - Present*

- Research in text mining and deep learning.

Inria - ALMAnaCH Team   *Paris, France*

Relais Thèse   *Oct. 2018*

- Research in text mining and deep learning.

Inria - ALMAnaCH Team   *Paris, France*

Intern   *Apr. 2018 - Sep. 2018*

- Research in text mining and deep learning.

Institut de Mathématiques de Marseille, I2M   *Marseille, France*

Intern   *Apr. 2017 - Jun. 2017*

- Research internship in Complex Algebraic Geometry.

Universidad Nacional de Colombia   *Medellín, Colombia*

Teacher assistant for the course of discrete mathematics   *Aug. 2015 - Jun. 2016*

- Worked with interactive tools that helped teaching the course through videos and animations.

Publications

[1] Pedro Javier Ortiz Suárez, Benoît Sagot, Laurent Romary. *Asynchronous Pipelines for Processing Huge Corpora on Medium to Low Resource Infrastructures*, 7th Workshop on the Challenges in the Management of Large Corpora (CMLC-7), Jul 2019, Cardiff, United Kingdom. (To appear).

Talks

7th Workshop on the Challenges in the Management of Large Corpora   *Cardiff, Wales, UK*

Asynchronous Pipelines for Processing Huge Corpora on Medium to Low Resource Infrastructures   *22/07/2019*

Cardiff University

10th International Conference on Historical Lexicography and Lexicology   *Leeuwarden, Netherlands*

Preparing the Dictionnaire Universel for Automatic Enrichment   *13/06/2019*

Fryske Akademy

Honors & Awards

2016-2017	**Full master scholarship**, Granted by the LabEx Archimède, for academic excellence.	*Marseille, France*
2012	**Tuition payment exemption**, Top 15 of class, Granted by the Science Faculty Council, Universidad Nacional de Colombia, second academic period.	*Medellín, Colombia*
2012	**Tuition with honors**, Top 5 of class, granted by the Science Faculty Council, Universidad Nacional de Colombia, first academic period.	*Medellín, Colombia*

Languages

Spanish - Native (Colombia), **English** - Fluent (both written and spoken), **French** - Advanced (Fluent in reading and writing), **German** - Basic (Limited speaking).

Skills and tools

• **Most experience:** C/C++, Python, Go, Matlab, Wolfram Mathematica, LaTeX, VS Code, TeXStudio, GNU/Linux, OS X, Git.

• **Moderate experience:** Raspberry Pi, JavaScript, PHP, HTML5, Java, Windows, SQL, MySQL, OpenSSH, GnuPG, Apache Server, CaddyServer, NumPy, GIMP, TensorFlow.