



Juan Manuel CORIA

09/07/1994, 25 years old
Argentinian nationality
Paris, France

PhD Student in Continual Self-Supervised Learning

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Research Experience

- PHD: DEEP REPRESENTATION LEARNING - Nov. 2019 - Present**
LIMSIS (CNRS), France
Continual representation learning. Unsupervised neural models to optimally represent data. Applications in NLP and Speech Processing..
- INTERNSHIP: DEEP METRIC LEARNING - Apr. 2019 - Sep. 2019**
LIMSIS (CNRS), France
Masters 2 Internship. Comparison of deep metric learning loss functions. Applications to semantic textual similarity and speaker verification.
- INTERNSHIP: NLP - Mar. 2017 - Jan. 2018**
LIFIA, Argentine
End of studies dissertation. Machine learning for subjectivity detection in hispanic literature. Comparison between SVM and Feed-Forward Neural Networks.
- INTERNSHIP: INITIATION TO RESEARCH - Mar. 2015 - Mar. 2016**
III LIDI, Argentine
Development of an IDE to teach parallel programming to 1st year students.

Academic Studies

- MASTER 2 INGÉNIERIE DES ALGORITHMES ET DES PROGRAMMES - Sep. 2018 - Sep. 2019**
Université de Paris (75013), France
Distributed Programming. Advanced OOP. Machine Learning. Deep Learning. Typing. Functional Programming. Search Engines.
Average Score: 18.59/20
- LICENCIATURA EN INFORMÁTICA (Masters deg.) - Mar. 2013 - Feb. 2018**
Universidad Nacional de La Plata, Argentine
Algorithms, Data Structures, OOP, Math, Computer Science Theory. Machine Learning. Operating Systems.
Average Score: 8.91/10
★ *Distinguished Graduate Student Award 2017, Universidad Nacional de La Plata*
★ *Joaquín V. González Award 2017, Computer Science, La Plata's Town hall*

Work Experience

- UBYKUO: LEAD ANDROID DEVELOPER - May 2018 - Sep. 2018**
Design and implementation of a VoIP app. Talks given.
- GLOBANT: ANDROID DEVELOPER - May 2017 - May 2018**
Development of Papa John's app. Behavioral data treatment using Google Cloud.
- DEV SAR: ANDROID/IOS DEVELOPER - Dec. 2015 - May 2017**
Several projects. Trained other developers on new Android technologies. Talks given.

Skills

Programming Languages	Python, Java, Kotlin, Scala, Julia, JS, C/C++
Tools and Libraries	PyTorch, TensorFlow, Numpy, Scikit-Learn, Pandas, Git, Google Cloud
Languages	Spanish: Native French: C2 English: C1 Chinese: HSK 3

Other Projects

- BeeNet - 2018**
Comparison between BOVW and CNN for beehive health detection from small bee images.
- City Noise Classification - 2018**
Spectrogram CNN for city noise classification (car, drill, dog barking, etc)

Courses

- SLURM - 2019 - LIMSIS**
Cloud Computing - 2016 - III LIDI
Test Driven Development - 2015 - LIFIA

Hobbies

- Traveling** (France, Belgium, Great Britain, Netherlands, Germany, Czech Rep., Italy, Norway, Uruguay, Brazil)
Personal Projects (software libraries, apps, challenges)
Language Learning
Music (saxophone, guitar)