Juan Manuel Pérez

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Education

Pursuing a PhD in Computer Science at Universidad de Buenos Aires 2016-Present.

Area: Natural Language Processing, Hate Speech and Abusive Language detection

Advisors: Franco Luque, Agustín Gravano

Licenciatura in Computer Science, FCEyN, UBA, 2007-2016. PGA: 9.32. Thesis "Métricas de mimetización acústico-prosódica en hablantes y su relación con rasgos sociales de diálogos."

Licenciatura in Mathematics, FCEyN, UBA, 2007-2010 (Unfinished)

Courses attended as part of my PhD Studies

Mathematics 4: Departamento de Matemática, FCEyN, UBA (2016)

Machine Learning Departamento de Computación, FCEyN, UBA (2016)

Speech Processing Departamento de Computación, FCEyN, UBA (2017)

Signals and Systems Departamento de Electrónica, FIUBA, UBA (2017)

Deep Learning, Departamento de Computación, FCEyN, UBA (2017)

Natural Language Processing, Departamento de Computación, FCEyN, UBA (2018)

Employment

Academia

PhD Scholarship (2016-Present) CONICET scholarship at Instituto de Ciencias de la Computación, UBA-CONICET.

Teaching Assistant: (2016-Present) Courses: Numerical Methods, Paradigms of Programming, Theory of Languages, Introduction to Computer Science (for Biology students), Departamento de Computación, FCEyN, UBA.

Teaching Assistant: (2013) Courses: Theory of Languages, Numerical Methods, Departamento de Computación, FCEyN, UBA

Software Industry

Software Engineer, Altoros (August 2014 - April 2016) Web Development in Ruby+JS; Scrum Master.

Software Engineer, Devartis (February 2013 - August 2014) Web Development in Python+Ruby+JS

Developer, Manas (May 2012, July 2012) Worked on a refactoring of an e-commerce system.

Developer, Metrogames (April 2010 - December 2011) Game development on iPhone and Facebook.

Developer, Vurbia Technologies, (November 2009 - March 2010). Development of a web perfomance analysis gem.

Developer, gRantAire (February 2009, November 2009). Web development.

Freelance Web Developer (2008 - 2011) Web development using HTML, JS, PHP and Ruby on Rails.

Developer, 4DataLink, (February 2005 - May 2007). Development of an AutoCAD GIS plugin

Publications

Cotik, Viviana; **Pérez Juan Manuel**, Luque Franco "Window Classifiers and Conditional Random Fields for Medical Report De-Identification", Proceedings of the Iberian Languages Evaluation Forum (Iber-LEF 2019).

Pérez Juan Manuel, Luque Franco "Atalaya at SemEval 2019 Task 5: Robust Embeddings for Tweet Classification." Proceedings of the 13th International Workshop on Semantic Evaluation. 2019.

Luque, Franco M., **Pérez, Juan Manuel** "Atalaya at TASS 2018: Sentiment analysis with tweet embeddings and data augmentation" Proceedings of TASS 2018: Workshop on Semantic Analysis at SEPLN (TASS 2018). Vol. 2172. 2018.

Pablo Brusco, **Juan Manuel Pérez**, Agustín Gravano "Cross-linguistic study of the production of turn-taking cues in American English and Argentine Spanish", Interspeech (2017)

Janine Kleinhans, Mireia Farrús, Agustín Gravano, **Juan Manuel Pérez**, Catherine Lai, Leo Wanner "Using Prosody to Classify Discourse Relations", Interspeech (2017)

Juan Manuel Pérez, Ramiro H. Gálvez, and Agustın Gravano. "Disentrainment may be a positive thing: A novel measure of unsigned acoustic-prosodic synchrony, and its relation to speaker engagement." Interspeech 2016 (2016): 1270-1274.

Others

Participant in one of the winner teams at **SEMEval Shared Task 5: Multilingual detection of Hate Speech**

"Thesis award 2016", Departamento de Computación, FCEN, UBA (for MSc thesis)