

Francisco de Borja Valero

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Alicante, Spain

Education

- **Master's Degree in Artificial Intelligence, Pattern Recognition and Digital Imaging**
Universitat Politècnica de València 09/2019 – Ongoing
Master's Thesis: Data augmentation for text classification
 - **Bachelor's Degree in Compute Science Engineering**
Universitat d'Alacant 09/2014 – 02/2019
Bachelor's Thesis: Neural Part-of-Speech tagging
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Experience

- **ML Engineer intern**
Kustomer, Inc. 06/2020 – 09/2020
Using pre-trained natural language models based on Transformers for natural language understanding and natural language generation.
 - **Research Engineer**
Departamento de Lenguajes y Sistemas Informáticos, Universitat d'Alacant 04/2019 – 09/2019
Used classical machine learning models for estimating the quality of different machine translation systems.
 - **Research Intern**
Departamento de Lenguajes y Sistemas Informáticos, Universitat d'Alacant 01/2018 – 04/2019
Used LSTM and Seq2Seq with attention mechanism models for sequence labeling.
Worked on word translation using cross-lingual word embeddings.
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Grant

- Research Initiation Grant 2018/2019
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Courses and training

- Deep Learning Specialization, Coursera
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Languages and Technologies

Programming Languages: Python, \LaTeX , C/C++, Java

Technologies: Transformers, PyTorch, scikit-learn, NLTK, SciPy, NumPy, pandas, UNIX, Git

Natural Languages: Native in Spanish and Catalan, professional working proficiency in English