Antonio M. Larriba Flor

Curriculum Vitae

València, Spain
✉ antoniomlf@protonmail.com
in antoniomlarribaflor
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Education

2019–Present	**PhD Student**, *Cryptography*, Universitat Politècnica de València, València.
2017–2019	**PhD Student**, *Neural Machine Translation*, Universitat Politècnica de València, València.
2016–2017	**Master's Degree in Artificial Intelligence, Pattern Recognition and Digital Imaging**, *2nd of my promotion*, Universitat Politècnica de València, València.
2012–2016	**Bachelor's Degree in Computer Science**, *Top 10% percentile*, Universitat Politècnica de València, València.

Bachelor's & Master's Thesis

Bachelor's	Design, deployment and evaluation of update mechanisms for passive distributed systems.
Master's	Character-based Neural Machine Translation.

Experience

2021/Present	**Cryptography Researcher**, Composable Finance, Remote. Researching cryptography primitives and protocols for DeFi projects.
2019/Present	**Predoctoral Researcher**, *ALFA*, Valencia. Researcher on Homomorphic Cryptography, Electronic Voting and Blockchain.
2019/2021	**Blockchain developer**, Geminis Tools, Valencia. Developed Blockchain technologies and its deployment.
2017/19	**Predoctoral Researcher**, *PRHLT*, Valencia. Researcher on Machine Learning oriented to Natural Language Processing problems.

Technical Skills

Languages	Python, Javascript (Node), Java, Bash, Matlab, C/C++
ML	Keras, Moses, Theano, Tensorflow
Cryptography	Blockchain, *RSA*, Homomorphic Cryptography, Electronic Voting, Ring Signatures
Deployment	Docker, Kubernetes, Jenkins

Languages

Spanish	**Mother tongue**, *ES*.
English	**Professional Competence**, *EN*.

Publications

Antonio M. Larriba, *Character-based Neural Machine Translation*, 2017.

Diego Aineto García, Antonio M. Larriba, *Stance Detection at IberEval 2017: A Biased Representation for a Biased Problem*, Proceedings of the 2nd Workshop on Evaluation of Human Language Tech. for Iberian Languages, 2017.

Antonio M. Larriba, José M. Sempere, Damián López, *A two authorities electronic vote scheme*, Computers & Security, Volume 97, October 2020, 101940.

Antonio M. Larriba, Aleix Cerdà Cucó, José M. Sempere, Damián López, *Distributed Trust, a Blockchain Election Scheme*, Informatica, Volume 32, Issue 2, 2021, pp. 321-255.

Antonio M. Larriba, Damián López, *Distributed identification*, Draft.