Aguado Diego

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Curriculum Vitae

Education

- M.Sc. Artificial Intelligence, Switzerland   Sept 2019-current
  Candidate, USI Lugano
- B.Sc. Applied Mathematics, Mexico   2009-2014
  Statistics and Machine Learning Concentration, ITAM

Publications & Projects

- Aguado, Diego. Captioning Digit Sequences, Medium.   2019
  Post on implementation of Conv + LSTM Deep Learning model that captions images containing digit sequences.
- Aguado, Diego. *Learning Music Genres*, Medium.   2018
  Post on building a music genre classifier with convolutional networks.
- Aguado, Diego. *I built a linear regression that can play Pong with me*, Medium, Hackernoon.   2017
  High-level post on the process of building a videogame playing AI.

Certifications

- Neurons, Synapses and Brain by The Hebrew University of Jerusalem.   2019
  Introductory course on Computational Neuroscience covering low level subjects such as neurons as electrical circuits, synapse, STDP, cable theory, single neuron computation, among others.

Programming and Technology.

Programming Languages : Python 4+years, R 3years, BASH 2 years

Libraries : Pandas, Numpy, Keras, Scikit, TensorFlow, Plotly 4+ years

Databases and Cloud : SQL/ Postgres 4+ years, MongoDB 1+ year, Linux / Unix 4+ years, AWS & Google Cloud Platform 2 years

Professional Experience

- Data Science & Machine Learning Consultant. Independent, Remote.   2019
  Working as a consultant, I boosted customer's machine learning efforts to solve Computer Vision problems. Tasks solved involve Object Detection for Activity Recognition or Image Captioning. Other projects involve developing credit scoring models based on traditional ML techniques.
- Synx, Guadalajara, MX. Data Scientist   2018- 2019.
  Involved in the entire spectrum of delivering a machine learning product: needs understanding; wrangle and analy data; model selection; release to production. Projects involved: Time series, fintech classification models, multiple variant testing.
- Wizeline. Guadalajara, MX. Data Scientist   2016-2018
  Development and backend integration of data science tools for on demand projects. Team lead during participation of projects. Implementation of AI models for Computer Vision and NLP POCs; Data Science R&D team member; Mentor and speaker at Wizeline AI Academy.
- Insydo. Dubai, UAE. Data Analyst - Search Engine Developer   2015-2016
  Direction of analytics strategy for product growth, marketing campaigns and user experience. Search Engine dev: replacement of in-house search engine, implementation of filtering, geo sorting and similarity based recommendation.

Languages

- Spanish (Mother tongue)   • English (Native)   • German (Basic)