Pablo Ospino

Contact info

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Experience

2020-08 Present

Software Engineer - Nispera AG. (Zurich, Switzerland)

Realtime time-series data acquisition and realtime alarms detection and notification on clients. AWS Storage optimization of the 50% on monetary costs with compression.

- Python with AWS-Boto3, Pandas, Geopandas, Eccodes, Sphinx, TDD, OOP and SOLID.
- AWS Aurora, RDS, ElasticCache (Redis), EC2, EFS and S3/Glaciar.
- GitlabCI, Sonarcube.

2018-07 2019-12

1 year 6 months

Software Developer - EOSOL Energy S.L. (Spain)

Scheduled reports generation and notification on Clients. Guiding Front-end team on the personalisation visual-tool for the reports. Deep learning applied to predictive maintenance for performance optimization and power-production forecast on solar plant assets.

- Python with Pandas, Numpy, Matplotlib, Jinja2, xlsxwritter, Tensorflow, Jupyter notebook.
- Nodejs with Express.
- Relational Databases and No relational (NoSQL) - MySQL and InfluxDB
- Deployment in GCP with Docker and Kubernetes.

Education

2016-09 2020-01

Bachelor in Computer Science. (Universidad Pública de Navarra, Spain)

- Awarded top 1 mark of the Engineering school graduating year 2020.
- University Computer Science representative in RITSI (2017) Class representative. (2016, 2017 and 2018)
- Speciality: Computation and Artificial Intelligence.

2020-01 2020-07

Erasmus Computer Science. (Lodz University of Technology, Poland)

- GPA: 5 out of 5
- Top in class: Advanced Algorithms & Data structures, Interactive web applications.
- Thesis with Deep Learning, Transfer learning, CNN. Data acquisition, research, training, evaluation and deployment.

2011-09 2017-06

Profesional grade in Spanish Guitar performance (Conservatorio Pablo Sarasate, Spain)

- Performing around 6 concerts per year.
- Master classes with top Spanish Guitar artists.

Languages

- Spanish - Native
- English - 98 TOEFL - Advanced
- German - ZD B1

Activities

2020 **Deep Learning Specialization** - deeplearning.ai

2019,18 & 17 **Google** - HashCode

2019 & 18 **Hackathon Adidas** uCode