

# Ricardo Hidalgo

## IoT. Digitalization. Big Data. IT/OT. Professor

### SUMMARY

Professionally trained in recognized multinational companies for more than 20 years. With extensive experience in power generation industrial sectors, telecommunications and IT.

During my professional career I has contributed across all areas of the product/service, either as a member of the team, or leading projects with economics significance.

At present time, focused on teaching, I aim to contribute to train future professionals with an integrated vision of the business and academic world.

### CAREER

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• 2023 -->

CUNEF Universidad

#### UNIVERSITY PROFESSOR

- Teaching for the quantitative methods department

• 2021 - 2023

Consejería Educación  
CAM

#### VOCATIONAL PROFESSOR

- Higher degree teaching in the disciplines of networks, mobile device programming, data analysis, machine learning, security and high availability clusters, web servers, and mark up languages.

• 2021 - 2022

Stg Advisor

#### DATA [ ENGINEER | SCIENTIST ].FOUNDER

- Turbomachinery performance analysis and predictive maintenance using Big Data techniques. Fleet management

• 8-11/2022

Aggity

#### DATA [ ENGINEER | SCIENTIST ]

- Data flow, pipelines, ETL
- Big data analytics

• 2019 - 2021

Ence Energía

#### TURBOMACHINERY LEADER. DIGITALIZATION

- Turbomachinery project management & digital transf.
- Digital transformation, OT industry 4.0 implementation
- Expertise in turbines, generators, and auxiliaries. Power generation

• 2010 - 2019

Siemens Energy

#### OIL&GAS PROJECTS, DIGITALIZATION

- Commercial proposals and their execution
- Digitization of the tooling logistics service

• 2007 - 2010

Siemens IT Solutions

#### DATA CENTER, WEB

- Definition/implementation of WEB services, cloud
- ITIL standards

• 2000 - 2007

Ericsson

#### R&D, M. NETWORKS VERIF./SUPPORT

- Product feasibility, testing/development. Doc.
- Global product support

### EDUCATION

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• 2023

Secondary Education  
Master Degree

#### UNIVERSIDAD INTERNACIONAL DE LA RIOJA (UNIR)

- Major in computer and technology education
- Master's thesis on computational thinking pedagogy

• 2022

Big Data and Business  
Analytics Master Degree

#### UNIVERSIDAD NACIONAL ED. DISTANCIA

- R, Python, Spark/Scala, HADOOP, AWS, Azure
- BD SQL / NO SQL
- [ Machine | Deep ] Learning
- Data Governance

• 2010

Systems Engineer. CSE

#### UNIVERSIDAD POLITÉCNICA MADRID

- While studying I worked as C ++ and JAVA programmer at NCR Spain, and as JEE programmer at FACTOR-E (Ireland)