

CARLOS DEL VAL TALENS

POWER TRADER



PROFESSIONAL SUMMARY

- Power Trader with expertise in analyzing power market trends, developing trading strategies, and executing trades to optimize the profitability of a portfolio of renewable assets. Mechanical Engineer specialized in energy generation. Python professional level. Preparing CFA level III.



EXPERIENCE

- Present
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Oct 23
- Renewables Trader**
Engie UK London, United Kingdom
 - Responsible for the portfolio of renewable assets.
 - Develop systematic Python tools for the automated short-term optimization of non-dispatchable assets from day-ahead to delivery.
 - Create and maintain automated Python tools to monitor the performance of PPAs.
 - Assist quants in pricing exotic clauses for PPAs and collaborate with originators to structure and price PPAs.
- Oct 23
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Apr 22
- Shift Trader**
Engie UK London, United Kingdom
 - Optimize assets in the short term UK market working as part of a 24/7 shift team.
 - Execute trades and manage trading positions to minimize market risks and ensure compliance with regulatory requirements.
- Apr 22
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Aug 20
- Energy Trading Analyst**
Engie Global Markets Brussels, Belgium
 - Conducted detailed analysis of power markets in the Central Western Europe region to develop quantitative models and analytical tools to identify trading opportunities.
 - Collaborated with front office to develop trading strategies, leveraging market insights to optimize trading decisions and enhance portfolio performance.
- Mar 20
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Sep 19
- Data Analyst**
Vitable, Rocket Internet Sydney, Australia
 - Developed and maintained data pipelines and ETL processes to ensure efficient data extraction, transformation, and loading from multiple sources.



EDUCATION

- Jun 19
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Sep 17
- MSc in Mechanical Engineering**
Polytechnic University of Valencia Valencia, Spain
 - Conducted advanced studies in energy generation technologies, focusing on renewable energy systems, thermal power plants and sustainable energy solutions.
- Jun 16
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Sep 12
- BSc in Mechanical Engineering**
Ecole Centrale Paris Paris, France
 - Acquired fundamental knowledge in mechanical engineering principles, including thermodynamics, fluid mechanics, and materials science.

CONTACT

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TECHNICAL SKILLS

Python

SQL

HTML, CSS

TRAININGS

IFP - Overview of Natural Gas Economics

CERTIFICATES

CFA Level I - Passed
 CFA Level II - Passed
 CFA Level III - Registered

LANGUAGES

English - Bilingual
 French - Bilingual
 Spanish - Native

REFERENCES

Martin Buchwald
Market Analyst
Engie Global Markets
martin.buchwald@engie.com