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## EDUCATION

2014, *M.Sc. in Science and Executive Engineering*, Mines Paristech, Paris, France

2012, *B.Sc. in Physics*, Nanjing University, Nanjing, China

## PROFESSIONAL EXPERIENCE

2022 - Present, *Economist*, Compass Lexecon, Helsinki

2019 - 2022, *Senior Energy Transition & Power Market Analyst*, EDF, Paris

2014 - 2019, *Quantitative Analyst on Energy Markets*, EDF, Paris

## SELECTED PROFESSIONAL ENGAGEMENTS

### Energy Transition & Power Market Senior Analyst, EDF, Paris

- Contribute to EDF's long term European power markets long-term scenarios, used to support development of policy positions and for investment appraisal:
  - Lead renewables experts (from France, the UK and Germany) on:
    - Renewable costs assessment
    - Renewable resources assessment
    - Renewables-related regulation analysis
  - Conduct research and analyses on power market trends and regulation on the UK and Ireland
  - Lead renewables experts on Europe's onshore and offshore wind load factor modelling taking in account climate change
- Provide economic analyses for the appraisal of EDF's investments in the UK and Ireland:
  - Pivot Power 50MW battery grid-connected projects
  - Offshore wind M&A and PPA projects
  - UK's Offshore Wind Leasing Round 4
- Provide Ad Hoc strategic analyses related to energy markets for the Board of Directors
- Manage a project to deliver a cutting-edge inhouse power market modelling software

### Quantitative Analyst on Energy Markets, EDF, Paris

- In charge of commodity price modelling for the purpose of risk management:
  - Improve the multi-commodity price model used to optimize EDF's French power assets
  - Improve the commodity volatility structure modelling for the Risk Direction
  - Create load factor and power price model for Luminus' onshore wind portfolio to help define its best hedging strategy
  - Improve the gas price model for the Gas Direction used in gas storage optimisation and temperature-related risk premium pricing
  - Maintain and improve two in-house price model software used in the Risk Direction and Optimization Direction

## TECHNICAL SKILLS

- Programming languages
  - Proficient in R and Python
  - Experience in C and C++

## LANGUAGE SKILLS

- English –Advanced
- French –Advanced
- Chinese – Native
- Japanese –Basic

