

From LHCb to business intelligence and data visualization

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Moving out of academia to big data

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HEP journey: Looking for rare decays at LHC*b*

PhD at Imperial College London [2007 - 2011]



Research fellow at INFN, Frascati [2011 - 2013]



Postdoc at EPFL [2013 - 2015]



Moving out of academia

- Was a difficult and long process for me (8 months)
- The number of options was overwhelming
- Got interviews and offers only when I became focused on the kind of job and the kind of company I wanted to work for
- CV lesson: You can always make it shorter
- Interview lesson: You can never be too prepared



Journey outside academia

Business intelligence consultant (ELCA) [2015 - 2017]



Senior analyst (Expedia) [2017 - 2018]



Senior consultant (Argusa) [present]



A day at my job looks like

- Requirement gathering 30%
- Solution Construction/Development 40 %
- Project/stakeholder management 30%
- Hard skills: query languages, reporting and visualization tools
- Soft skills: communication, prioritizing, project management



Final message

- ⇒ Data visualization and analytics is an evolving field
- ⇒ There is a large number and variety of jobs in this sector
- ⇒ HEP people have the necessary skills to succeed in such roles: Data wrangling, analysis, programming, etc.
- ⇒ If you are interested in knowing more, there is a lot of material out there to get you started (ask me or others for pointers)

For further questions or discussion

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