Roberto Gobbetti

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EXPERIENCE

eBay - Analytics Manager & Data Scientist - New York   Jul 2017 - Present
- Supported the product, engineering and business teams on first party advertisement products.
- Performed R&D on the Promoted Listings algorithm providing suggestions that resulted in an estimated $15mil yearly increase in revenue.
- Launched Highline Search Ads (the latest eBay first party advertisement product) as part of the core team, helping take crucial decisions in both business and product.
- Designed a new keyword matching algorithm for Highline Search Ads.

Insight Data Science Fellow - New York   Jan - May 2017
- What happened there? (bit.ly/2lxTEal) : Developed a dashboard to match Wikipedia page traffic spikes with relevant news stories.

Postdoctoral Research Fellow - Amsterdam & Utrecht Universities, the Netherlands   2014 - 2016
- Developed a String Theoretical model to explain the origin of the universe and early Cosmology.
- Used Random Matrix Theory to estimate the probability for our universe to exist within the String Theory multiverse.

Faculty Adjunct - Research Assistant - NYU, New York   2009 - 2014
- Taught both entry level and advanced undergraduate courses.
- Co-authored several papers in top peer reviewed publications.

PROJECTS

- **NYC Cabs** - Developed a model to dispatch NYC Taxi drivers to accommodate demand and maximize hourly income (bit.ly/1Vzi0iH).
- **Election Words** - Scraped the web and used API's to create an interactive map highlighting state by state the topics that best correlate with re-election to congress (bit.ly/1owB2Cr).

EDUCATION

Ph.D. in Physics - NYU, Center for Cosmology and Particle Physics, New York   2014
M.Sc. in Theoretical Physics - University of Pavia & SISSA, Trieste, Italy   2008
B.Sc. in Physics - University of Pavia, Italy   2006

SKILLS & INTERESTS

Technical skills
- *Programming***:** Python, SQL, Mathematica, html/CSS, JavaScript
- *Tools***:** Git, Pandas, scikit-learn, AWS, D3, react-native, Spark

Languages - Italian (native), English (fluent), Spanish (basic)