Roberto Gobbetti

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EXPERIENCE

Insight Data Science Fellow - New York   Jan 2017 - Present
- *What happened there?* (bit.ly/2lxTEal*)* : Developed a data driven web app that matches Wikipedia page traffic spikes with relevant news stories.
- Wrote well structured Python code, stored data using SQL and deployed the application on AWS.
- Used API's from several sources to retrieve data and NLP to extract the most relevant news articles.

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 - Congress 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). Also created a map depicting frequency of topic discussion by state (bit.ly/2lzGNVM).

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, JavaScript, SQL, html/CSS, Mathematica
- *Tools***:** Pandas, scikit-learn, AWS, D3, react-native, Git

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

Media and Entertainment - Scientific adviser for Italian Sci-Fi series "I 7 giorni della fine del mondo" (in pre-production)