

CONTACT

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EDUCATION

Madrid, Spain 2017 - 2018

IE BUSINESS SCHOOL

- Master in Big Data and Business Analytics

Turin, Italy / Delft, The Netherlands 2013 - 2015

POLITECNICO DI TORINO / TU DELFT

- MsC Material Engineering. Top 5% of class.

Turin, Italy 2010 - 2013

POLITECNICO DI TORINO

- BsC Material Engineering

SKILLS

Programming:
Python, SQL, R

ML & Data Science:
Huggingface, Keras, TensorFlow, Scikit-learn, OpenAI API, Gemini API

Data & Viz:
Colab, Jupyter, pandas, numpy, matplotlib, ggplot, tableau

Infrastructure:
Google Cloud, Azure

Misc:
Adobe Creative Suite, Fusion 360

LANGUAGES

- Italian (native)
- English (fluent)
- Spanish (fluent)

HOBBIES

3d printing and lamp design, tech tinkering, sailing (20+ years), hiking and mountain sports.

ANDREA TONDELLA

DATA EXPERT

ABOUT ME

Innovative AI and data expert with a demonstrated track record in product development and optimization across diverse industries and scales.

My multicultural experience has shaped me into an effective and empathetic leader, skilled at driving innovation through clear communication across technical and business functions. I have delivered disruptive results in user engagement, core product, and trust metrics by implementing new and creative methodologies and large-scale AI integrations.

Passionate about solving complex challenges with simple and elegant solutions, fostering collaboration, and driving impact through data insights and technology advancements.

PROFESSIONAL EXPERIENCE

Google

Dublin, Ireland

Senior Data Analyst

2019 - Present

Search Ranking Trust & Safety

- Founded and led the analyst team (5 people) developing safety systems for all Search AI features, launching 10+ prompted/fine tuned LLM-based classifiers for synthetic data generation, model distillation, and metrics. Enhanced performance, expanding coverage by up to 40% in novel areas, improving tuning controls, and boosting global precision by up to 10%.
- Developed end-to-end tooling to assess trust risks across 100+ features and verticals, informing yearly Search planning and feeding into Google-level OKRs. Integrated prompt-based LLMs, leading to a 10x reduction in operational costs and a 100x increase in scale, unlocking continuous metrics monitoring.
- Drove a multi-year initiative to review core ranking systems by redefining problem areas, designing targeted A/B tests and UX studies, and developing improved page level quality classifiers. Enabled three major search-wide public updates with positive press, user feedback, and improved internal metrics.
- Developed a new data collection methodology to assess User Generated Content quality and address longstanding page quality issues, enabling ranking improvements with up to 30% gains in user satisfaction.
- Designed multi-dimensional feature level quality metric and related ranking classifier. Launch lead to a 7% increase in feature usage globally.

Global TMS

Madrid, Spain

Data Scientist

2018 - 2019

In-House:

- Designed and deployed an engagement monitoring platform for influencers and sports federations, leading to a 10% increase in post engagement after one month. Launched with 10+ influencers (1M+ followers each) and 5+ sports teams.

External consultant for Microsoft Inc.:

- Led the deployment of a fan experience suite for LaLiga, integrating cloud-based data consolidation and dashboard reporting, unlocking new revenue streams and improving fan engagement metrics.

Q.I. Composites

Turin, Italy

Material Testing QA Analyst

2015 - 2017

- Developed and implemented QA analysis frameworks and A/B testing routine for Ferrari, enabling the successful production and delivery of 500+ boutique vehicles over two years.
- Spearheaded the company's internal digital transformation by introducing best practices and custom-built software solutions. Reduced response time between surveyors and construction managers by 50% in a major international sailing series.

Lapinus Fibres

Roermond, The Netherlands

R&D Intern

2015

- Invented and patented novel coating generating electricity from waste heat, with application in energy recovery for automotive and heavy industries. Patent n. WO2016146855A1