



ALBERT NAVARRO-GALLINAD

Knowledge Scientist

CONTACT INFORMATION



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Spanish



Dublin (Ireland)

SUMMARY OF QUALIFICATIONS

- PhD-level knowledge scientist (Artificial Intelligence) with a proven track record of delivering high-quality, scientific results through critical analysis and interpretation
- Exceptional written and oral communication skills: 3 first-author publications in peer-reviewed journals and conferences, 6 oral presentations at international conferences
- Proven experience in developing expert systems to address complex data challenges in the healthcare

RELEVANT SKILLS

- Data preprocessing and statistical analysis applied to Big Data: health and environmental data.
- Ability to explain complex topics or issues to experts in various domains, patient support groups, general public and high school students
- Proven leader in team-driven environments: PhD representative of a EU project, event organizer (journal clubs, interest groups and public engagement activities) and led collaborative reports
- Reputation for learning new technologies quickly, including self-study and application of Semantic Web technologies (RDF, OWL, SPARQL), Python, HTML, R, SQL and Linux; and qualitative analysis.
- Making research data Findable, Accessible, Interoperable and Reusable (FAIR), as open as possible
- Multilingual: Spanish/Catalan/English/Italian

EXPERTISE

2019 – Present



PhD Researcher in the ADAPT Centre, Trinity College Dublin

[HELICAL](#) – Data Science challenge in rare autoimmune diseases

Development of a Knowledge Graph based framework for health data researchers

Teaching experience as demonstrator in practical labs for undergraduates

2018 – 2019



Research Assistant in the Climate and Health group, ISGlobal

[WINDBIOME](#) – Aerial microbiome diversity and their role in Kawasaki disease

Data engineer and analysis of epidemiological records and air pollution data

2015 – 2017

Overnight camp counsellor for high school children in the USA and Spain (summers)

EDUCATION

2019 – Present

PhD in Computer Science, Trinity College Dublin

2017 – 2018

MSc Modelling for Science and Engineering, Universitat Autònoma Barcelona

2013 – 2017

BA Nanotechnology, Universitat Autònoma Barcelona & Erasmus Mundus Belgium

AWARDS

2019 – Research Fellowship Marie Skłodowska-Curie International Training Network (MSCA-ITN)

2017 – Thesis award of Sustainable Development from Universitat Autònoma de Barcelona