



PROFILE

Innovative data scientist with PhD and over 11 years of experience leading research and consultancy projects for international organisations on topics ranging from sustainable development to globalisation.

Statistical software developer and researcher with ~30 academic publications (1200+ citations).

I love to solve practical problems with cutting edge methods. I'm a lifelong learner who is eager to take on the next challenge.

CONTACT

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R⁶ [William-Becker-7](https://www.linkedin.com/company/bluefoxr/)

LANGUAGES

English (native)
Italian (fluent)
Spanish/French/German (intermediate)

HOBBIES

Guitar, music
Fitness, hiking, skiing
Construction and craft
Anything creative

WILLIAM BECKER

Data scientist, policy consultant

EDUCATION

The University of Sheffield, UK

Nov 2006 – Feb 2011

PhD in Mechanical Engineering and applied machine learning. Thesis entitled: *Uncertainty propagation through large nonlinear models*.

The University of Sheffield, UK

Oct 2002 – June 2006

MEng in Mechanical Engineering with Spanish

WORK EXPERIENCE

Freelance Data scientist

Oct 2020 – present

Statistical and data/indicator solutions for international organisations including UN agencies and the European Commission. Led projects from client/stakeholder engagement and workshops up to web visualisation. Developed custom stats packages for clients.

EC – Joint Research Centre: Senior data scientist, policy analyst

Feb 2011 – Mar 2020

Leading data-driven projects supporting European policy making and tracking global trends for the European commission and international organisations. Research in statistics and machine learning. Applications in sustainable development, globalisation, econometrics, impact assessment and a wide range of scientific computer models.

SKILLS

Technical

- Stats/Machine learning
- R expert (package development, base, [tidyverse](#), [shiny](#) apps, [plotly](#))
- [Matlab](#) (15+ yrs experience)
- [Python](#), [SQL](#) (increasing usage)
- [Github](#) and [Git](#)
- [Excel](#) + [power query](#), [MS Office](#)
- [LaTeX](#), [Markdown](#)
- Web dev. ([Hugo](#), [blogdown](#))

Other

- Excellent communicator (written and verbal)
- Good trainer and public speaker
- Client engagement
- Stakeholder consultation
- Project management
- Fast worker, both independently and in a team
- Quick to adapt and learn

See my full CV at <https://www.willbecker.me/resume/>
References available on request