PROFILE

Innovative data scientist with PhD and 12 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 (~1500 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

✉ william.becker@bluefoxdata.eu

🌐 willbecker.me

in linkedin.com/in/webecker/

○ github.com/bluefoxr/

R^G William-Becker-7

LANGUAGES

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

KNOW MORE

All my projects, publications and a little more about who I am can be found at www.willbecker.me

WILLIAM BECKER

Data scientist, policy consultant

WORK EXPERIENCE

Data science consultant
Oct 2020 – present
Statistical, software and data solutions for international organisations including UNHCR, WIPO, UNIDO, FIND 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.

EDUCATION

The University of Sheffield, UK
Nov 2006 – Feb 2011
PhD in Mechanical Engineering and applied machine learning and Bayesian stats. Thesis entitled: *Uncertainty propagation through large nonlinear models*.

The University of Sheffield, UK
Oct 2002 – June 2006
MEng in Mechanical Engineering with Spanish

SKILLS

Technical
- Stats, ML, Bayesian methods
- R expert (package development, shiny apps)
- Software development (CI/CD, unit testing, Git, Github)
- Matlab (15+ yrs experience)
- Python, SQL
- Excel + power query, MS Office
- LaTeX, Markdown
- Web dev. (Hugo, blogdown)

Other
- Excellent communicator (written and verbal)
- Led and designed numerous training courses
- Client engagement
- Stakeholder consultation
- Project management
- Fast worker, both independently and in a team
- Quick to adapt and learn