David Jansen

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I am an experienced researcher with a demonstrated history of working in the higher education industry. I possess excellent analytical and statistical skills, and I use these skills develop my own research and assist colleagues and students with their methods and analysis. I enjoy the challenge of finding the appropriate analysis approaches and, if necessary, finding alternative solutions. I have extensive experience in data analysis using R, bioinformatics, and database management as well as quality control of large databases.

SKILLS

PROGRAMMING
R
Tidyverse
PostgrSQL
Unix
git

STATISTICS
GLMER
survival analysis
non parametric

OFFICE SKILLS
Microsoft Office
Google suites
LaTeX
Rmarkdown

LANGUAGES
English (Fluent)
Dutch (fluent)
German (Basic)

ACHIEVEMENTS
STAR award - staff appreciation award
3 first author papers
10 co-author papers
12 conference presentations

EXPERIENCE

NOTRE DAME UNIVERSITY | Research scientist
Feb 2015 – present | Notre Dame, IN
- Advanced statistical analysis, survival analysis and data visualization
- Statistical analysis and data visualization for 6 co-authored papers
- Managed the organization of sequence data of a 20000 sample project. This included the creating of a database structure, setting of secure data storage, writing protocols and training of graduate students and post-doc researchers.
- Assisting the PI with analysis and visualizations for grant applications
- Used R and PostgreSQL for the automation of data quality control and reports

NOTRE DAME UNIVERSITY | Lab mananger
Apr 2014 – 2017 | Notre Dame, IN
- Train and supervise 20+ undergraduate students in parasitology
- Organised and supervised a large microhome genetic sequencing project.
- Writing of protocols for lab safety, sample storage and data organization
- Data management of the parasitology research
- Maintain lab organization

UNIVERSITY OF ZURICH PhD candidate
Apr 2009 – 2013 | Zurch Switzerland
- Statistical and acoustical analysis
- Writing scientific papers (2 first author and 2 co-author)
- Field work in Uganda at the banded mongoose research station in Mweya

KALAHARI MEERKAT PROJECT research volunteer
Dec 2006 – 2009 | University of Cambridge fieldsite; VanZylsrus, South Africa
- Behavioral observations and project managementchecking
- Optimized the data quality control using Microsoft access and writing protocols for future data managers

EDUCATION

UNIVERSITY OF ZURICH 2009-2013
Zurich, Switzerland
PHD ANIMAL COMMUNICATION AND BEHAVIOUR
- Thesis: Vocal Communication in Banded Mongoose (Mungo mungos)

WAGENINGEN UNIVERSITY 2000-2005
Wageningen, The Netherlands

MSC FOREST AND NATURE CONSERVATION cum laude | 2003 - 2005
- Thesis: Diet selection of goats: - a feeding trial experiment.
- Internship: Self-organising spatial patterns in mussel beds.

SOCRATES/ERASMUS EXCHANGE PROGRAM 2004
University of Aberdeen, Scotland

BSC FOREST AND NATURE CONSERVATION 2000-2003
- Thesis: The contribution of floodplains to the ecology of large herbivores.