

SUMMARY

Data Science consultant with 5 years' experience in data analytics. Extensive knowledge of transforming large datasets into meaningful insights. Passion for understanding business needs and translating these into technical solutions.

In the last 4 years I have shown affinity with goal-driven work as a PhD researcher. I have investigated the genetics of ADHD, and genetic differences between monozygotic (identical) twins. I have also been active as teaching assistant in this period and deepened my knowledge through courses in R and Python (ML, data-analysis, visualization, data science). Quick learner, teacher, constructive sparring partner.

In my spare time I am a semi-professional musician. Playing guitar and drums in two separate bands have improved my public speaking and organizational skills.

Technology: R + Python/PowerBI/Unix/SQL

Statistics: Regression, Machine Learning, Classification

klaasjan@adapt.nl
www.klaasjanouwens.com

Education

Neurosciences, M.Sc

VU University Amsterdam

Period: 2011-2014

Computer Science / Artificial Intelligence B.Sc.

VU University Amsterdam

Period: 2006-2012

Extra-curricular activities

Teaching assistant Behavioral Genetics (VU), Guest lecturer Neuropsychology (Hogeschool van Leiden), Member faculty student council Exact Sciences (2009-2010 vice-chairman, 2010-2011 chairman). Student member education committee Artificial Intelligence, student assistant PR. Member high school orchestra (guitar and bass guitar).

COURSES (during study)

Among others Python (Machine Learning, Data analysis, Data visualization, Python for Data science, Python for Genomic Data science), Databases and SQL for Datascience, Introduction to Genomic Technologies, Applied Statistics, Behavioral Genetics, Clinical Neurosciences, Complex Trait Genomics.

ANALYTICS SKILLS

Data-analysis, data science, quantitative research, statistics, artificial intelligence.
R (8 years' experience), Python (2 years' experience), Bash, SQL, SPSS, LaTeX

WORK EXPERIENCE

VU University Amsterdam

Periode: 12/2014 - 01/2019
Function: PhD Student

Activities:

- Under the working title "Next Generation Bioinformatics", investigating genetic differences between monozygotic (identical) twins
- Research into genetic underpinnings of ADHD by studying large genetic datasets
- Teaching assistant "Genes and Environment" and "Behavioral Genetics"

Methods & Tools:

- Data analysis, data science, meta-analyses, quantitative research, statistics
- R, Python, Bash, SPSS

VU University Amsterdam

Period: 10/2014 - 12/2014
Functie: Research assistant

Activities:

- Data analysis for various research projects, among others a large meta-analyses identifying specific genetic variations associated with ADHD

Methods & Tools:

- Data-analysis, meta-analysis, quantitative research
- R, Bash, SPSS

Internships, research assistant duties

Stages:

- VU Amsterdam: Biological Psychology
Researching genes associated with the personality trait Neuroticism through statistical analysis of large genetic datasets
- University of Notre Dame, Quantitative Psychology US / VU Amsterdam, Biological Psychology
Researching the phenotypic heterogeneity of character trait "Anger" through statistical analysis of questionnaire data

Research assistant duties:

- Research assistant for prof. Dorret Boomsma (through VU-Boomsma fellowship appointment)
- VU, tutor practicals "Genes and Environment"
- VU, teaching assistant "Human-Computer Interaction"
- VU, teaching assistant "Project Knowledge Systems"

Overige

Dutch: native. English: full working proficiency

Hobbies: making music, top rope climbing, data science