

SUMMARY

Data Science consultant with 5 years' experience in data analytics. Passion for understanding business needs and translating these into technical solutions. I have extensive experience with transforming large datasets into meaningful insights as a researcher in statistical genetics. I am always developing my skills and knowledge (currently in ML, Data Analysis, Data Visualization etc. in R and Python).

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

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ANALYTICAL SKILLS

Data-analysis, data science, quantitative research, statistics, machine learning
R (8 years' experience), Python (2 years' experience), Bash, SQL, SPSS, LaTeX,
Power BI

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.

WORK EXPERIENCE

Adapt Analytics BV

Periode: 02/2019 - heden
Functie: Data Science Consultant

Developing data solutions, including tools to extract and combine data from various online sources. Application of text mining algorithms including *tf-idf*. Part of R&D-team that deploys Django-applications to Microsoft Azure, and works according to Agile/Scrum conventions and uses Git version control.

Tools: Python (Selenium, BeautifulSoup, scikit-learn, NumPy, pandas).

VU University Amsterdam

Periode: 12/2014 - 01/2019
Function: Data Scientist

Activities:

- 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