

Ernst Paul Swens

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EDUCATION

Utrecht University <i>MSc Methodology and Statistics for the Behavioural, Biomedical and Social Sciences</i>	2021 – Present
Utrecht University <i>MSc Applied Data Science</i>	2020 – 2021

EXPERIENCE

R developer <i>Utrecht University</i> <ul style="list-style-type: none">Assisting in the development of Dessert, a package that standardizes the evaluation process for data analysis.	2022 – Present
Teaching Assistant <i>Utrecht University</i> <ul style="list-style-type: none">Providing support for courses within the Biomedical Sciences department.Troubleshooting computer and statistical problems brought by undergraduate and graduate students	2022 – Present
Freelance Data Scientist <i>Utrecht University</i> <ul style="list-style-type: none">Providing support on a variety of projects, as an independent data scientist.	2021 – Present
Website Content Manager <i>Eindhoven University of Technology</i> <ul style="list-style-type: none">Overseeing and maintaining the content on the university's website.Communicating with university staff to obtain website requirements.	2019 – 2022

PROJECTS

R Package: Dessert <i>Contract project</i> <ul style="list-style-type: none">Creating and testing markdown files to standardize the evaluation process for data analysisThis project is supervised by Gerko Vink and Hanne Obermans	2022 – Present
Comparing Treatment Effect for PTSD in Veterans and Non-veterans <i>Freelance project</i> <ul style="list-style-type: none">Communicating and discussing the data gathering and analysisPerforming the data analysis and reporting resultsAssisting in the statistical section of a publication	2022 - Present
Bayesian Inference: Prediction of Dutch People's Trust in Parliament <i>School project</i> <ul style="list-style-type: none">Implementing a Gibbs sampler for a Bayesian regression modelCreating assumptions checks for a Bayesian regression model	2022

TECHNICAL SKILLS

Programming Languages: Python, C, SQL, JavaScript, HTML/CSS, R, JASP
Statistical Techniques: Regression, Imputation, Monte Carlo experiments, Machine Learning
Developer Tools: Github, Docker, Google Cloud Platform