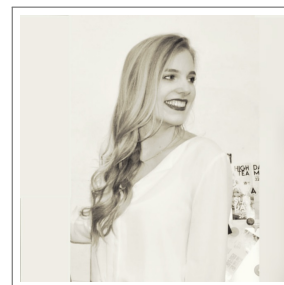# CASSANDRA BUNSCHOTEN

Methods and Statistics Master student

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🔗 https://www.github.com/CassandraBunschoten/

WORK EXPERIENCE

Teaching assistant
Utrecht University

📅 2018 - Present   📍 Utrecht, The Netherlands

Became a teaching assistant for the department of Methods and Statistics. This entailed teaching:

- KOM PSY (first year statistics course) workgroups - *Evaluated (2019): 8.5/10*
- MTS3/ARMS (second year/premaster statistics course) workgroups
- Practicals for MTS3/ARMS and TOE (first year statistics course).
- Practicals on R for TCSM (elective course focused on theory construction and statistical modelling) - *Evaluated: 4.0/5.0*
- Supervised five groups during a small research project and graded their research paper - *Evaluated: 9.3/10*

*Evaluations supplied where available

Summerschool TA
Utrecht University

📅 2019   📍 Utrecht, The Netherlands

Was a teacher for the summerschool 'Applied Multivariate Statistics', which entailed teaching workgroups and supervising practicals for Dutch and international students.

Board member SPS-NIP Utrecht board
SPS-NIP

📅 2018-2019   📍 Utrecht, The Netherlands

Primarily responsible for finding and maintaining contact with lecturers, coming up with creative subjects and plans for activities, and working together with the social sciences study associations.

Practical instructor
Utrecht University

📅 2018   📍 Utrecht, The Netherlands

Supervised practicals for Experimentation and Registration 1. This is a second/third year course regarding building experiments in OpenSesame and data processing in Microsoft Excel.

University student mentor
Utrecht University

📅 2016-2017   📍 Utrecht, The Netherlands

Selected for student mentor internship. Acquired experience in teaching and organising activities. Connected to this I also taught workgroups for orientation day. Completed the internship with a 9.0.

CHARACTER SKETCH

" I am driven, creative and empathetic. I gain energy by facing challenges and thrive when working with people. I am disciplined, but am also able to lose myself in a project that I love. I want to make the most of every situation, and am eager to learn new things."

TECHNICAL STRENGTH

R	●●●●○
Python	●●●○○
SPSS	●●●●○
BrainVisionAnalyzer	●●●○○
MS Office	●●●●○

MOST PROUD OF

📕 **Pursuit of knowledge**
Out of interest, I followed a lot more than the mandatory courses during Bachelor (finished with 251,3 out of mandatory 180 EC)

📈 **Teaching position**
Through teaching I tried to instill the importance of statistics in future scientists and professionals.

STRENGTHS

Time Management

Flexibility and Adaptability

Hard-working   Fast learner

Ability to Work Under Pressure

Positive Attitude

EDUCATION

Research Master - Methodology and Statistics for the Behavioural, Biomedical and Social Sciences

Utrecht University

📅 2019-present   📍 Utrecht, The Netherlands

Current average grade: 8.2

Bachelor of Science - Psychology

Utrecht University

📅 2015-2019   📍 Utrecht, The Netherlands

Average grade: 7.8

VWO (pre-university education)

Corderius college

📅 2009-2015   📍 Amersfoort, The Netherlands

DISSERTATION WORK

MSc Thesis

Using spatio-temporal CAR priors to increase sensitivity in EEG analysis

📅 2020-present

- Working on finding a solution for the multiple testing problem in EEG.
- Am going to apply Bayesian disease modelling techniques to the brain.
- This project is supposed to be a first step in changing the way EEG analyses are done.
- Going to check the method against two common methods, to determine whether it improves sensitivity.

BSc Thesis

Influence of emotional context on facial mimicry, and replication of: Rapid facial reactions to emotional facial expressions (Dimberg & Thunberg, 1998)

📅 2018

- Wrote the thesis within the 'Social Neuroscience' minor
- Performed EMG measurements
- Performed a power analysis to determine the number of participants required for the replication
- Designed and programmed the experiment in E-Prime.
- Finished the thesis with an 8.0

LANGUAGES

English
Dutch

HOBBIES

🎵 **Music Addict**
No day passes by without me enjoying some music

✂ **Sewing**
I create clothes and costumes for myself and my friends

🍴 **Cooking and eating**
I love to cook and I also enjoy the results

🎞 **Movies**
I love going to the cinema or rewatching my favorite movies at home