

Tom JANSSEN GROESBEEK

PERSONAL DATA

PLACE AND DATE OF BIRTH: Nijmegen, the Netherlands | 14 October 1993
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WORK EXPERIENCE

- (JAN 2023 -) *Current* | *Scientific Programmer* at [ICIS, RADBOUD UNIVERSITY](#)
Supporting researchers in cybersecurity and AI by designing, constructing and rolling out experimental prototypes. Moreover, I help prepare tutorials for students and organise lab materials.
- JAN 2021 - AUG 2022 | *Data Science Software Engineer* at [ITEC, NIJMEGEN](#)
Contribute to the software architecture and functionalities of factory automation tools and participate in the smart manufacturing group to increase production output.
- SEP 2019 - JAN 2020 | *Student-Assistent* at the [DONDERS INSTITUTE FOR BRAIN, COGNITION AND BEHAVIOR](#)
Assisting with the development of the 'Vowel Space Travel' iPad app.
- MAR 2019 - JUN 2019 | *Intern Data Science* at the [DEPARTMENT OF MEDICAL MICROBIOLOGY](#) at the [RADBOUDUMC](#).
Utilizing electronic patient data in order to develop a model to predict if new patients in the ER carry antibiotic resistant bacteria.
- DEC 2018 - FEB 2019 | *Student-Assistent* at [RADBOUD UNIVERSITY](#)
Assisting High School students with their work for the NLT course dedicated to Robotics. NLT is a course available at multiple high schools in Nijmegen. During the Robotics module, the students learned to program a NXT lego robot to perform several tasks.
- FEB 2016 - SEP 2017 | *Student-Assistent* at [MAX PLANCK INSTITUTE FOR PSYCHOLINGUISTICS](#)
Setting up EEG/MRI experiments, guiding the subjects, analyzing speech related data, and building Automatic Speech Recognition models with HTK and Python.

EDUCATION

- 2016 - 2020 | Master Degree Programme in DATA SCIENCE, [Radboud University](#), Nijmegen
GPA: 7,5
- 2013 - 2016 | Bachelor Degree Programme in ARTIFICIAL INTELLIGENCE, [Radboud University](#), Nijmegen
GPA: 7
- 2012 - 2013 | Propaedeutic Degree in ARTIFICIAL INTELLIGENCE, [Radboud University](#), Nijmegen
GPA: 7,5 *Bene Meritum*

PROGRAMMING SKILLS

Familiar with: TENSORFLOW, ADA, R, KERAS, JAVASCRIPT, PHP, SQL, CLEAN, PROLOG, MATLAB, PYTORCH
Proficient: PYTHON, JAVA, SWIFT, C++, GOOGLE CLOUD SERVICES, AWS, NXC, FIREBASE, HTML, CSS