Gerrit-Jan de Bruin

Education

2017–today	**PhD-candidate**, *Leiden University*, Leiden Center of Data Sciences.
	My research focus is on data and network science in the governmental domain. Position funded by Ministery of Infrastructure and Water Management.
2015–2017	**Master**, *University of Amsterdam & Free University Amsterdam*, *Analytical Chemistry* .

Internship at:	Inspectie Leefomgeving & Transport
Title of thesis:	*Efficient compliancy monitoring: Comparison of both airborne and landside sniffing and spectrometric methods to provide direct control on the sulfur emissions of ships.*
Internship at:	TNO
Title of thesis:	*Possibilities for breath examination in the detection of an in-body explosive*
Subjects of Choice:	Machine Learning 1 (6 EC), Mathematica for Physicists (3 EC), Advanced Seperation Sciences (6 EC), Advanced Statistics (6 EC), Chemical Analysis for Forensic Evidence (6 EC), The Analytical Chemist in Industry (6 EC) and Environmental Chemistry (6 EC)
Compulsory courses:	Fundamentals of Analytical Science (6 EC), Mass Spectrometry (6 EC), Separation Sciences (6 EC) and Biomolecular Spectroscopy (6 EC)

2012–2015	**Bachelor**, *Universiteit Utrecht*, *Chemistry* .

Internships at:	Van Wijhe Verf and researchdepartment "Condensed Matter and Interfaces"
Title of thesis:	*Nano-thermometry using Lanthanum Phosphates*
Subjects of Choice:	Mathematics (22.5 EC), Organic en Inorganic Chemistry (7.5 EC), Catalysis (7.5 EC), Biophysics (7.5 EC), Practicum Analysis (7.5 EC), Scattering and Microscopy (7.5 EC), DFT (7.5 EC) and Imperative Programming (7.5 EC)

2006–2012	**Gymnasium**, *Van Lodenstein College*, Amersfoort, *TTO (Bilingual education)*.
	Nature & Technique profile

Work experience

2017–today	*Promovendus at Leiden University*
2014–today	*System administrator at management consultancy "Van der Meer & Van Tilburg"*
	Responsible for buying and maintaining all necessary cloud, hardware and software solutions and fix any disturbances.
2012–2014	*Student Assistant at Utrecht University*
	Tasks:
	o Helping at "Meet the Bachelor"
	o Helping at Open Days
	o Designing chemistry tests and make them available in DSO (Digital Chemistry Environment)
2009–2014	*Postman for "Reformatorisch Dagblad"*
2007–2009	*Standby-worker at "Scapino" Amersfoort and Soest*

Skills

Computer	*Experience with*
	o Mathematica, Matlab
	o C#, Python, R, SAS
	o LATEX 2$_\varepsilon$
	o HTML, CSS, XML
	o Microsoft Access, Excel, PowerPoint and Word
	o Bash
Languages	*Dutch and English (Anglia Certificate Of English — Advanced level with Merit Grade)*
Driving	*Driver license (obtained in 2013)*
Coaching	*Certificate for "Korfbaltrainer 2" from the KNKV*

Sports and interests

2016–2019	Organizing "JIFE": a sport community for youth in Almere Haven
2015–2019	Responsible for ICT and multimedia within local church "De Wegwijzer"
2003–2016	Player, Trainer, Coach and Referee at c.k.v. MIA (korfball)
2013–2014	Organizing Chemistry Sessions for primary school "De Wartburg", Woudenberg
2011–2012	Organizing Korfball Sessions for primary schools

References

At request.