

Résumé of **Nicolas Höning**

TECH/DATA CONSULTANT ~ SOFTWARE DEVELOPER

- IT automation and data strategy advice, Scrum Master
- Web applications / data services – *Python (Django/Flask, Pandas), JavaScript (VueJS), Bash, Docker, CI/CD, PostgreSQL, MongoDB, Redis*

CAREER SUMMARY

Period	Position held/Degree attained	Employer/Institution	
2018 – now	Tech & Data Consultant	Seita B.V.	Amsterdam, NL
2017 – 2018	Software Engineer	Senfal B.V.	Amsterdam, NL
2014 – 2017	Lead developer	Softwear B.V.	Amsterdam, NL
2009 – 2016	PhD researcher Computer Science, topic: smart grids	CWI	Amsterdam, NL
2009 – 2010	Senior Web Developer, Shareholder	Eyequant	Osnabrück, DE
2007 – 2009	Master of Science Computational Intelligence & Self-Organisation, cum laude	Vrije Universiteit	Amsterdam, NL
2006 – 2008	Research Assistant	University Of	Osnabrück, DE
2004 – 2007	Bachelor Of Science Cognitive Sciences	University Of	Osnabrück, DE Dublin, IE
2000 – 2004	Software Developer	RoeperWeise	Gehrden, DE
2000 – 2003	Business Processing Specialist (since 2006 this is accredited as a Bachelor Of Science program)	Leibniz-Akademie	Hannover, DE

SELECTED SCIENTIFIC PUBLICATIONS

- N. Höning and H. La Poutré: “*An electricity market with fast bidding, planning and balancing in smart grids*”, Journal of Multiagent and Grid Systems (Vol. 10, Number 3/2014), IOS Press
- N. Höning and Han La Poutré: “*Designing comprehensible Self-organising systems*”, Fourth IEEE International Conference on Self-Adaptive and Self-Organizing Systems (2010)
- N. Höning and M. Schut: “*Modelling dynamic forgetting in distributed information systems*”, Agent and Multi-Agent Systems: Technologies and Applications: (KES-AMSTA), Springer (2010)
- J. Steger, N. Wilming, F. Wolfsteller, N. Höning, P. König: “*The JAMF Attention modeling Framework*”, WAPCV 5th workshop on attention in cognitive systems, Springer (2008)

RESEARCH GRANTS

- DAAD (Deutscher Akademischer Auslandsdienst) Scholarship for 2008/2009

PROFESSIONAL EXPERIENCE

Company: Seita B.V. <http://www.seita.nl> Amsterdam, NL
Tech & Data Consultant 2018 - now

Seita creates and advises on data-driven decision software. Notable achievements:

- We built an energy management system, with live forecasting and scheduling.
- I developed two workshops - for data opportunities and tech roadmapping.

Company: Senfal B.V. <http://www.senfal.com> Amsterdam, NL
Software Engineer 2017 - 2018

Senfal manages energy procurement by developing smart demand response services. Most notable achievement:

- I automated the pumping decisions for several large water pumps.

Company: Softwear B.V. <http://www.softwear.nl> Amsterdam, NL
Lead developer 2014 - 2017

Softwear automates data management for fashion wholesalers and modern point-of-sales solutions for retailers. Most notable achievement:

- I led development on the Python API/backend and transitioned it to Docker (in production).

Company: Centrum Wiskunde en Informatica <http://www.cwi.nl> Amsterdam, NL
PhD researcher 2009 - 2016

The CWI does fundamental research in computer science. My PhD dissertation is titled: "Peak reduction in decentralised electricity systems – Markets and prices for flexible planning."

Company: Whitematter Labs <http://www.eyequant.com> Osnabrück, DE
Senior Web Developer 2009 - 2010

A spinoff company of the University Of Osnabrück. They provide a web service that delivers visual attention prediction on websites. Most notable achievement:

- I developed a Pyramid-based Web-Application, incl. cross-browser CSS and Javascript.

Company: RoeperWeise Systems <http://www.roeperweise.de> Gehrden, DE
Software Developer 2000 - 2004

A software development company near Hannover, Germany. Most notable achievement:

- I designed and prototyped a software generator for business applications.

ADDITIONAL INFORMATION

Additional Work/Volunteer Experience:

- Professional Scrum Master I, certified through Scrum.org
- IT coordinator for the Amsterdam-based food cooperative <http://www.vokomokum.nl>

Licences/Languages: German driver's licence, fluent in German, English and (mostly) Dutch, some French and Russian

Family/Interests/Sports: 2 kids, Married, History, Economics, Guitar, Soccer, Tennis, Badminton