

THOMAS JANSSON

PERSONAL SUMMARY

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My key strengths lie in the combination of deep technical understanding and interpersonal skills allowing me to efficiently communicate results and ideas to technical as well as non-technical audiences. My open extrovert mindset and inquisitive personality were formed through almost a decade as a customer-faced consultant and later through internal stakeholder management, mentoring and leadership. My key responsibilities in my recent roles have covered:

- Building, managing, and developing a team of highly skilled data scientists/engineers
- Developing data and analytics strategy focusing on tangible impact
- Cross-disciplined communication with clients, product teams and decision-makers
- Public speaking at conferences, universities and technical meet-ups
- Design and building of pipelines processing large amount of IoT data
- Hands-on data-analysis, ML, modeling, mining and processing pipelines in python
- Building and maintaining data quality and model monitoring infrastructure as dashboards or bespoke automated reports
- Leading sales of anonymized and GDPR compliant data and insights

SELECTED JOB EXPERIENCES

- 2021 Nov** → Director of Data and Analytics at [Connected Cars](#) managing the data science/engineering team, leading the commercial sales of anonymized data and insights, ensuring standards and GDPR compliance and general development in the tech operations and organization.
- 2020** → External examiner (censor) and supervisor on master theses at [Technical University of Denmark](#) (DTU) focused on applied machine learning in transportation/IoT.
- 2019 May** → **2021 Nov** Head of Data Science at [Connected Cars](#) managing and leading a team of data scientists in exploring, modeling, processing and analyzing large amounts of car sensor data. The team handles the complete flow from idea to production with unit/integration tests, database migrations, integration to external sources and exposure to stakeholders through APIs, dashboards, etc.
- 2018 Jun** → **2019 Apr** Senior Data Scientist at [Connected Cars](#).
- 2018 Jan** → **2018 Jun** Data Scientist at [Maersk Tankers](#) with primary roles in developing prototypes, optimizations, visualizations of tanker shipping data.
- 2013 Feb** → **2018 Jan** Senior consulting geophysicist at [Qeye Labs](#) with roles as project manager, python developer of new technologies and Linux system administrator. All software was developed in-house.
- 2009 Apr** → **2013 Feb** Geophysicist in [Schlumberger's](#) Data & Consulting Services, the world's largest oilfield services company. Additionally, I also served as a systems administrator for 40+ Linux servers in three countries.
- 2006 Aug** → **2009 Feb** Unix system administrator at the Geological Institute, [University of Copenhagen](#). Administrated Linux and Solaris servers and a Linux cluster.
- 2006 Jan** → **2009 Dec** Owner and developer of the consulting IT company: [Thomas Jansson IT](#). Focused on system administration, scientific and web programming.

SELECTED PUBLICATIONS, CONFERENCE CONTRIBUTIONS OR PUBLIC TALKS	T. R. N. Jansson, Data driven sustainability . Talk at Master in Sustainable Leadership course at DTU, Lyngby,, 2024-Jan
	K. Milia, M. D. Hedegran, T. R. N. Jansson, F. Rodrigues, C. L. Azevedo, Forecasting Parking Search Times Using Big Data . Proceedings of the 12th International Scientific Conference on Mobility and Transport. doi.org/10.1007/978-981-19-8361-0_12 , 2023-Feb
	J. Olesen, T. Jansson, Køretøjsdata før, nu og i fremtiden , Trafik og Veje, 2023-Jan
	T. R. N. Jansson, Storytelling with data , PyData CPH, Youtube link , 2022-Dec
	T. R. N. Jansson, et al., EVO Nordics 296 - Data visualisation for business , Spotify, 2022-Oct
	T. R. N. Jansson, Demand-driven Approaches for Cites of Tomorrow; Opportunities and Barriers , DOLL Living Lab, panel member, Copenhagen, 2022-Jun
	T. R. N. Jansson, Applied python in car and weather data models , DTU wind (Risø), invited speaker, Copenhagen, 2020-Nov
	T. R. N. Jansson, Visualizing Geospatial Data in Python , PyData CPH, 2020-Feb
	T. R. N. Jansson, Big data & mobility insights , Invited speaker to DTU High Tech Summit, Copenhagen, 2019-Oct
	T. R. N. Jansson, Keynote: Creating data driven workshop loyalty , Caruso partner connect, Cologne, 2019-Jun
	T. R. N. Jansson, Monte Carlo methods in the industry , DTU physics guest lecture, Copenhagen, 2019-Mar
	T. R. N. Jansson, et al., Polygons on a Rotating Fluid Surface , Physical Review Letters 96 174502 - doi.org/10.1103/PhysRevLett.96.174502 , 2006
EDUCATION	2008 Masters degree in geophysics from the University of Copenhagen.
	2006 Bachelor degree in physics from the University of Copenhagen.
IT SKILLS	Development Python developer since 2006 working exploratory data analysis, ML and system administration. Daily user of Git, vim and SQL. \LaTeX 2_{ϵ} wizard and a lot of experience in older tools such as bash, tcsh, fortran etc.
	System administration Linux user since 2001 and certified Red Hat Linux Engineer (RH-CE). Managed large groups of on-premise RHEL servers in several countries, managed and installed Linux clusters, NetApp filers and Sun Solaris servers. Windows and OS X at power user level. Since around 2017 I have mainly worked on cloud based setups.
SELECTED COURSES	2018, Copenhagen Certified ScrumMaster.
	2012, Paris Schlumberger: Managing and leading your people (OFS3).
	2011, Oslo Red Hat Linux Certified Engineer Rapid Course for senior Linux system administrators. RHCSA and RHCE for RHEL 6.
	2009 → 2012 Numerous courses on technology and management for Schlumberger in Houston, Arkansas, Paris, London, Stavanger, Oslo, etc.
SELECTED EXTRA ACTIVITIES	2016 Completed the Cologne marathon in Germany.
	2007 → kvant.dk web editor - a members magazine for the Danish physicists society.
	2006 Studied 6 months at the world's northernmost higher education institution: the University Center in Svalbard located in the arctic ocean, 78°N.