

Julian Schweizer's CV

Dr. rer. nat. Julian Schweizer

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Key skills

- Thorough analytic and mathematical mind
- Clear and concise communication
- Advanced python programming, producing clean, structured, and maintainable code
- Building stable python microservices with flask, gunicorn, Docker, and Kubernetes
- Designing and building machine learning solutions with TensorFlow, scikit-learn
- Handling, analyzing and visualizing data with SQL, pandas, matplotlib, bokeh

Experience

2019/08 - current Team lead Computer Vision and Machine Learning at Nect GmbH

- Leading a team of Machine Learning and Python engineers.
- Design, implementation, deployment and maintenance of the production data processing pipeline
- Significant contribution to the audit proving the pipeline's compliance with German Trust Service regulation

2018/09 - 2019/08 Data Privacy Officer at Nect GmbH

- Set up initial GDPR documentation
- Significant contribution to the audit proving the GDPR compliance of Nect

2018/08 - 2019/08 Data Scientist at Nect GmbH

- Design, implementation, deployment and maintenance of the production data processing pipeline

2017/01 - 2018/07 Data Scientist at Hermes Germany GmbH

- Ad-hoc analyses using SQL, pandas, scikit-learn
- Data visualization using matplotlib, bokeh

2013/11 - 2016/10 Campus Tour Guide at DESY

- Guided visitors on tours around the DESY premises
- Education geared to target groups ranging from active researchers, to students, to the elderly

Education

2013/10 - 2016/12 DESY / Universitaet Hamburg

PhD in theoretical physics (Magna cum laude) (thesis)

2008/04 - 2013/09 Karlsruhe Institute of Technology

Diplom Physik (With distinction, GPA 1.0)

Languages

- English (fluent), German (native), French (intermediate)

Miscellaneous

- Contributor / Maintainer of flowpipe
- Featured on the Computer Vision in Production Podcast