



DENNIS ALP

Data Scientist, Physics PhD

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SKILLS

Python
SQL
Bash
Git
Machine learning
AI
Pandas
NumPy
Data visualization
Matplotlib
scikit-learn
TensorFlow



Analytical thinking
Problem solving
Statistical modeling
Research
Simulations
Computational physics
X-ray physics



Technical communication
Project management
Collaboration
Supervision
Teaching



ABOUT

- Motivated by the diverse range of challenges posed by transforming data into business value using machine learning
- Self-driven and constantly aware of the 30,000-foot view of every project
- Adapt to the circumstances and always go above and beyond to deliver the best possible results
- Confident in stakeholder communication, as well as strong technical skills (Python, SQL, Git, Bash, AI/ML, statistics)



EXPERIENCE

Data Scientist

Handelsbanken, Nov 2021 -

Analyzing customer behavior and delivering predictive insights
Developing end-to-end data-driven processes
Quickly growing a network of key connections and stakeholders
A holistic perspective of business processes and business value
Actively onboarding new team members

Data Scientist in Academia

KTH, Oct 2016 - June 2021

Delivered insights and conclusions from diverse and unstructured data
Imaging and time series analysis
Data visualization (Python/matplotlib)
Everyday Bash/command-line environment experience
Statistics (parameter estimation, model comparison, hypothesis testing)
Advanced analytics (big data, random forests, DNN/LSTM)

Awarded seven scholarships for research projects, academic travel, and a high GPA. Winner of Teknik-SM 2015 and a national high school competition in 2011. Previously involved in several year-long STEM projects aimed toward younger students.



EDUCATION KTH Royal Institute of Technology

2011	2014	2016	2021
Bachelor of Science Engineering Physics GPA: 4.75/5	Master of Science Theoretical Physics GPA: 4.75/5	Doctor of Philosophy X-Ray Astrophysics	