JAKOB OLSEN

M.Sc. in Mathematical Engineering

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🏠 Personal Website in Linkedin ⭘ GitHub

DATA ANALYST

I hold a degree as cand.polyt. in Mathematical Engineering from Aalborg University. With my education, I have gained a good mathematical understanding and have learned to use this knowledge in a programming context. This background gives me a good foundation for working with data analysis and any sort of algorithm design.

As a co-worker, I am hard-working and always curious to learn something new. For more information about me, check out my personal website.

WORK & EXPERIENCE

💼 Data Analyst - Student Assistant
@ APX10™

📅 March 2023 – June 2024

[Keywords] Python, Object Oriented Programming, Algorithm Design, Data Analysis, Data Visualization, Pandas, Git, PostgreSQL, Docker, Bash, C#.

📕 B&O - Master's Thesis
Aalborg University

📅 February 2024 – now

[Keywords] Machine Learning, AI, Audio-To-Text, Python, Hugging Face, PyTorch, Sound, Language Models, Research.

📕 CERN - Internship
Aalborg University

📅 August 2023 – January 2024

[Keywords] Accelerator Physics, Python, Data Analysis, Beam Dynamics, Beam and Residual Gas Interactions, Research

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📕 Weibel Scientific A/S - Bachelor's Thesis
Aalborg University

📅 February 2022 – June 2022

[Keywords] Radar Signal Processing, Orbital Mechanics, Satellite Tracking, Python, Data Analysis, Research.

REFERENCES

Reference available on request

SKILLS

Language

Danish	●●●●●	*(Native)*
English	●●●●○	*(Fluent)*
German	●●○○○	*(Limited)*

Programming & Version Control

Advanced	Python
Fundamentals	R, Matlab, $\LaTeX$, Git, C#

EDUCATION

🎓 M.Sc. Mathematical Engineering
Aalborg University

📅 September 2022 – June 2024

[Skills] With the mathematical foundation from the Bachelor's, the Master's is more applied and with a focus on programming and machine learning. My Master's includes two internships, one in Switzerland at CERN and one in Denmark with B&O.

🎓 B.Sc. Mathematical Engineering
Aalborg University

📅 September 2019 – June 2022

[Skills] Mathematical background with courses like Calculus, Linear Algebra, Mathematical Analysis, Probability Theory, Statistics etc. Through semester projects and courses, I also have programming experience in Python.

🎓 Business College (HHX)
Silkeborg Business College

📅 August 2014 – June 2017