# JAKOB OLSEN

**B.Sc.**

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⌂ Personal Website   in Linkedin   ⦿ GitHub

## DATA ANALYST

Studying to finish my Master's this summer in Mathematical Engineering. With this 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 – Now

*[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

### 📓 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 – Now

*[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