

Asbjørn Mortensen

🏠 Daugbjergvej 22, 1.15, 8000 Aarhus C.

✉️ fredensborg.mortensen378@gmail.com

☎️ +45 40481029

👍 25 years

🔗 <https://www.linkedin.com/in/asmo1999/>



Profile

Vestas is a company where no two days are the same, and where new boundaries for renewable energy solutions are constantly being explored. As an optimistic and creatively minded individual, I have always challenged the tasks I was given during my education. This has led to experience with complex and unconventional projects that align with your requirements for a versatile and thorough engineer. I thrive on taking responsibility throughout the entire process – from requirements specification to testing and commissioning – and see myself as a natural leader who holds both myself and those around me to high standards.

In my previous role as an academic staff member, I acted as the daily leader for my own small search project, which gave me valuable experience in project management and communication across different disciplines. I have a strong interest in mechanical systems and automation, which has developed through hands-on experience working with machinery in both agricultural and industrial environments. This practical experience has been complemented by an educational background in mechanical engineering, equipping me to work with advanced mechanical systems and testing methods.

Skills

- **Mechatronics** Integration of mechanics, electronics, and software to develop intelligent and automated systems.
- **Versatile** Able to work independently and in teams.
- **CAD Design** 3D modeling and 2D drawings in SolidWorks or Onshape.
- **Analytical** I take the time to carefully consider and evaluate decisions to ensure the best possible solutions.
- **Leadership** Taking responsibility comes naturally to me, and my business specialization has equipped me with new tools for effective project management.
- **FEA** – Solidworks og Ansys

Education

aug. 2020 - jun. 2024

Mechanical Engineering (Bachelor), Aarhus University

Courses and Projects

- **Specialization in Integrated Product and Production Development:** The bachelor's project involved developing a probe for measuring methane at depths in the Arctic environment for two researchers in a different department. The probe consisted of nine different sensors, the majority of which were gas sensors placed behind a permeable barrier. An automatic fiber cable reel was also constructed as part of the project.
- **Specialization in Business:** The specialization was divided into three main areas: FIORG – Strategic Analysis and Business Understanding, FIMBE – Marketing and Economics, and FIPRO – Project Management.
- **Internship at VARO Specialmaskiner A/S:** Tasks included CAD design of a new cooling system for their carpet production line, along with associated technical drawings and documentation

report card and diplomas are available upon request.

Work Experience

Aug. 2024 - Oct. 2024 Academic Staff, Aarhus Universit

Responsibilities and Tasks

Project Lead: Daily project leader responsible for both design and internal/external communication. Skills developed included CAD drawing (2D and 3D), programming in C++ and LabVIEW, general construction of a functional prototype, including electronics and PCB design, contact with internal and external stakeholders, and technical documentation.

Achievements

- **Completed Product and Upcoming Publication:** The product was fully developed, and the work has led to a scientific publication, which is currently in preparation.

Aug. 2024 - Oct. 2024 Other Work Experience

Agricultural Worker (Faurholtgård, 8 years), Employee at Faurholt Hundepension (5 years), Production Worker at C&D Foods (1 year and 6 months), and Industrial Baker at Kelsen Group A/S (6 months).

Languages

- Danish Native
- English Fluent
- German Proficient

IT-skills

	Begynder	Lidt øvet	Øvet	Meget øvet	Expert
C++ programming					
LabView programming					
Python programming (Open CV)					
Ladder programming (Siemens PLC)					
Office-package					
FEA in SolidWorks					
FEA in Ansys					
CFD in OpenFoam					
CFD in SolidWorks					
3D-modeling and 2D-drawings in SolidWorks					
3D-modeling and 2D-drawings in Onshape					

Personality Traits

- Responsible
- Independent
- Optimistic
- Analytical
- Competitive

Hobbies

- **Football:** Football serves as a mental break, with time spent both on the field and in front of the TV.
- **Family and Friends:** Everything from larger social events to a good chat over a football match or a beer, as well as helping on the farm.
- **Fitness:** A healthy body leads to a healthy mind.

Reference

references can be provided on request