

## Name Nameson

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# Civil Engineering student

I am a Civil engineering student at DTU, specializing in bridges, pavements, and heavy structures. At COWI, I wish to contribute with my knowledge in concrete structures, bridge design, and foundation engineering, as well as my understanding of applicable codes and standards, including the Eurocodes. Through my studies, I have gained experience with AutoCAD and Revit, which I can use to develop technical solutions that meet both client requirements and current regulations. I am motivated to actively participate in all project phases - from initial meetings and concept development to design and final documentation.

Picture

### Selected competencies:

- Structural Analysis
- Bridge and Pavement Design
- Materials Engineering
- Infrastructure Sustainability
- AutoCAD & Revit
- Building Design

## Education

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2026-now **Master of Science in Civil Engineering - Specialization in Bridges, Pavements, and Large Structures, DTU, Lyngby**

- Advanced Geotechnical Engineering
- Advanced Concrete Structures

2023-2026 **Bachelor of Science in Civil Engineering, DTU, Lyngby**

- Structural Analysis: analyse and design structural components for various building types.
- Materials Science: Understanding properties and applications of construction materials.
- Building Design: Skills in creating and interpreting architectural and engineering drawings.
- Sustainability Practices: Awareness of sustainable building practices and energy-efficient design principles.
- AutoCAD, Revit & ANSYS

### Selected Projects:

- **Concrete Beam:** "Reinforced Concrete Beam under Bending". Analyzed and designed a reinforced concrete beam with focus on load-bearing capacity and required reinforcement.
- **Bridge Concept:** "Small Pedestrian Bridge". Developed a conceptual design and performed basic dimensioning based on simple load assumptions.
- **Foundation Design:** "Shallow Foundation for Residential Building". Dimensioned a shallow foundation focusing on bearing capacity and settlement based on given soil parameters.
- **Bachelor thesis:** "Load Capacity Analysis of a new Beam Bridge in Hundested". We conducted a detailed analysis of a beam bridge designed to span a small river. The main goal was to evaluate the bridge's maximum load capacity under various conditions. Using structural analysis methods and modeling in AutoCAD and Revit, we confirmed that the design met current regulations and identified opportunities to optimize reinforcement for improved material efficiency and long-term durability.

## Work experience

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- 2023-Now     **Waiter, Hyldegaard café, Copenhagen**
- Assisted customers with orders and supported smooth daily operations.
  - Coordinated with colleagues and kitchen staff to ensure efficient service.
  - Developed teamwork, time management, and communication skills.
- 2023-2024     **Student Tutor and Mentor, DTU, Lyngby**
- Planned and facilitated the orientation days for new students in collaboration with the tutor group.
  - Provided academic support to undergraduate students
  - Collaborated with professors and teaching assistants
- 2020- 2023     **Retail assistant, Føtex, Valby**
- Customer service: Interacting with customers, handling inquiries, resolving complaints, and ensuring customer satisfaction.

## Voluntary work

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- 2023-now     **Volleyball Club, Copenhagen**
- Volunteer as an assistant coach, supporting training sessions and mentoring young athletes.
  - Promote teamwork, discipline, and personal development among athletes.
  - Assists in organizing club events, competitions, and community engagement activities.
- 2020- 2022     **Red Cross, Copenhagen**
- Assisted in organizing local events, community activities, and fundraisers.
  - Supported social initiatives aimed at vulnerable groups in the community.
  - Helped coordinate volunteers and manage event logistics.
  - Participated in awareness campaigns and community outreach projects.

## IT programmes

AutoCAD & Revit  
ANSYS, Tekla Structures

## Language

Danish: Native,  
English: Professional

## About me

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In my free time, I love playing volleyball. There's something exciting about being on the court, working as a team, and improving my skills with every game. I also really enjoy the social aspect—gathering with teammates, sharing laughs, and celebrating victories together makes the sport even more rewarding. On top of that, I volunteer as a youth volleyball coach once a week, which is incredibly fulfilling. It's amazing to see young players grow, develop their skills, and enjoy the camaraderie that comes from being part of a team.

References are given upon request