



ULRIK GRÜNER GRØNNESTAD

PROFILE

Graduated Architectural Engineering Master's student at DTU. I am passionate about functional and aesthetic designs that meet rigorous technical and environmental standards. I am eager to contribute to the creation process of the built environment, utilizing my background in structural engineering, project management, and building simulation to help create sustainable, meaningful spaces for everyone.

WORK EXPERIENCE

Thesis Researcher – Technical University of Denmark (DTU) | Feb-Jul 2026

Full time

- Investigation of daylight impact on non-image-forming effects in relation to building materials, orientation, etc.
- Scale model measurements, simulations, and structuring & analysis of data.
- Window shading or tint was proven as the most impactful variable. Facade material, orientation, and sky conditions also noted as important parameters.

Thesis Researcher – Rambøll/Høgskulen på Vestlandet | Jan-May 2024

Full time

- Research with the aim of laying the foundation for a new standardized method for reuse and standardization of precast concrete I-beams. Identification of technical, economic, and regulatory challenges associated with the reuse of I-beams.
- Visual inspections of concrete I-beams, assessment of previous cases of reuse, interviews with industry professionals, regulatory analysis, literature review, and cost comparison.
- Lack of initiative, high costs, and challenges with regulation, transportation, and testing.

Warehouse worker – BaRe Frukt og Grønt AS avd. Bergen | 2022 - 2025

Part time and seasonal

- Coordinating with a team to ensure efficient logistics and order accuracy in a fast-paced environment.

Maintenance work – Grevstad Eiendomsselskap AS | Jun-Aug 2019

Full time

- Painting, as well as various maintenance tasks such as washing, scraping paint, and trimming vegetation.

Various volunteer work – Distortion, Roskilde Festival, O Days, Karrusel | Jun-Aug 2025

- Technical and event setup, bar service, food service.

CERTIFICATION

Universal Design – DTU and Royal Danish Academy

- Explored principles of Universal Design applicable to all types of design, with a focus on accessibility, user diversity, and inclusive solutions across disciplines.

EDUCATION

Architectural Engineering Master's – DTU | 2024 - 2026

- Specialization within indoor environment. Master's thesis on daylight effects related to human health.

Civil Engineering Bachelor's – HVL | 2021 - 2024

- Specialization within project management and structural engineering/design.
- Bachelor thesis in collaboration with Rambøll: reuse and standardization of I-beams.

Exchange student - University of Ljubljana | Feb-Jun 2023

- Faculty of Civil and Geodetic Engineering: improved knowledge of and experience within project management, building physics, and geotechnics as well as architectural history and development.

ESA CanSat competition 2019

- Winner «Most Professional Team»: Competitions at Andøya Space Center and in Italy with the European Space Agency (ESA).
- Designed an instrument to collect atmospheric data such as pressure, temperature, etc. Special task: design of a secondary parachute deployment system.

CONTACT

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Location:

Copenhagen

TECHNICAL SKILLS

Building & Simulation Tools

AutoCAD, Revit, Rhino, IDA ICE, BIM coordination & clash detection: Solibri, Revizto, Speckle.

Microsoft Office

Highly proficient in MS Office. Many years of experience, particularly with the use of MS Word and MS PowerPoint.

LANGUAGES

Norwegian – Native

English – Fluent

Danish – Fluent

German – Novice

Italian – Novice

INTERESTS

Love exploring new activities and hobbies, but current favorites include running (marathon), strength training, tennis/padel, bouldering, music (piano), design, movies, and cooking.