



Oussama Elarras

Civil/Structural Engineer

PERSONAL SKILLS

Diligence
Communicating
Solution-oriented
Analysing
Presenting

CERTIFICATES

VCA-VOL

AUTOMATION SKILLS


Microsoft office, LaTeX, Visio,
Python, Tekla, Revit, SketchUp,
AutoCAD, Maple, MAtrixframe, 3D
Move, Analysis, Scia Engineering,
GSA, BEFEM, MS Projects, D-sheet
piling, Parsismite, Abaqus, DIANA
and RFEM

Languages: Dutch, English, French
& Arabic

CONTACT

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PERSONALIA

Date of birth: 08-11-1998
Nationality: Dutch
Marital status: Unmarried
Drivers licence: licence B

INTERESTS

Fitness
Soccer
Travelling
Programming

EDUCATION

Bachelor Civil Engineering Technical University of Delft

09/2018 - 07/2022

Minor Bend and Break:

- Within Bend and Break I have learnt how to design and analyse civil engineering structures and building materials. These constructions were constructed and tested during the minor.

Bachelor thesis:

Validation of the Vlasov torsion theory for rectangular solid and for rectangular closed tube cross-sections.

- The objective of this research was to prove the validity of the Vlasov torsion theory for the mentioned cross-sections, so this theory can be implemented in commercial framework programs.

Master Structural Engineering Technical University of Delft

09/2022 – 07/2025

Track:

- Concrete Structures

Electives:

- Offshore Geotechnical Engineering (Geotechnical engineering)
- Trenchless Technologies (Geotechnical engineering)
- Legal and Governance (Construction Management and Engineering)

Cross-over Module:

- Data Science and Artificial Intelligence for Engineers

WORK EXPERIENCE

2024–present DEME INFRA NL B.V.

Function : Project Engineer Diaphragm walls

Project Coordination – Diaphragm Walls, Two-Level Tunnel, Oosterweelconnection – Antwerp, Belgium

- Led the coordination of engineering and execution activities for diaphragm wall construction in a complex, multi-level tunnel project.
- Managing of multiple subcontractors to ensure seamless integration of works within project timelines and specifications.
- Negotiated and formalized contracts with subcontractors, aligning deliverables with project goals.
- Prepared detailed work plans and supervised the engineering so the on-site execution maintains the highest quality and safety standards.
- Oversaw project scheduling and budget control to ensure timely and cost-effective delivery.
- Coordinated structural engineering tasks, aligning design outputs with execution requirements.

2024–2025 RIJKSWATERSTAAT

Function : Graduation internship

Graduation topic: The competitiveness of weathering steel concrete composite bridges in the Dutch market.

2023–2024 WITTEVEEN+BOS CONSULTING ENGINEERS

Function : Structural Engineer

Performing the structural engineering for underground infrastructures.

- Performed structural engineering design for the two-level tunnel section of the Oosterweelverbinding project in Belgium, ensuring compliance with technical standards and project requirements.

2022–2023 WATERLAND PROJECTEN B.V

Function : Junior Structural Engineer

Developed detailed 3D models of commercial buildings using Revit, supporting design coordination and project visualization.

2020– 2022 DENYS ENGINEERING & CONTRACTORS B.V

Function : Project Engineer underground pipelines

Designed retaining structures, reviewed subcontractor work, and coordination and engineering of execution activities.

2020–2022 DENYS ENGINEERING & CONTRACTORS B.V

Function : Tender Engineer underground pipelines

Prepared implementation timelines and coordinated bids for gas, heat,, water, CO2 and hydrogen pipelines, supporting sustainable and cost-effective tender proposals.