

JOOST REMMERS

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CONTACT INFO

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Based in: Rotterdam, The Netherlands
LinkedIn: [link to profile](#)

ABOUT ME

Past years I worked on many multi-disciplinary engineering projects in the offshore wind sector at TWD. This allowed me to become a versatile lead. I love combining technical and commercial insights to develop pragmatic & innovative solutions.

EXPERIENCE

Lead Engineer **2019-2024**

TWD | Rotterdam, The Netherlands

- Foundation T&I design and engineering for offshore wind farms
- Founding, commercial and technical development of the TWD-LAB
- Finite element & foundation engineering lead

R&D Engineer **2018**

DEME Offshore | Antwerp, Belgium

- Development statistical interpretation method of geotechnical surveys
- Creation of installation design method for suction-buckets jackets

Hydraulic Engineer **2017-2018**

Witteveen+Bos | Jakarta, Indonesia

- Site engineering on subsidence of the flood protection of Jakarta
- 5 months internship in Indonesia as part of MSc Hydraulic Engineering

TA Fluid Mechanics **2015-2018**

Delft University of Technology | Delft, The Netherlands

- Assisting professors in experimental works on fluid mechanics
- Teaching of BSc dynamics & fluid mechanics courses

Research Intern **2015**

Deltares | Delft, The Netherlands

- Development of numerical model on wave attenuation by salt marshes

PROJECTS

Best Estimate

2020-2024

- Creating API-based software for risk & measurement analysis
- Front- and back-end development in Python, SQL, HTML/CSS

Improving the Drainage Capacity of Georgetown

2017

- Project management, communication and team lead
- Technically responsible for hydraulic modelling

EDUCATION

MSc Civil Engineering & MSc Offshore Engineering

2015-2018

Delft University of Technology | *Delft, The Netherlands*

- Double Degree Track, *cum laude* in both MSc programs (GPA: 8.6/10)
- Specialized in Hydraulic Structures, Flood Risk & Foundation Engineering
- Thesis: "Probabilistic installation design of suction-buckets" (grade: 10/10)

BSc Civil Engineering

2012-2015

Delft University of Technology | *Delft, The Netherlands*

- Graduated *with honours* (GPA: 7.8/10), minor in sustainable development
- Extracurricular research & fieldwork on flash floods in the Philippines
- Thesis: "Wave attenuation potential of salt marshes" (grade: 9.5/10)

ACHIEVEMENTS

Awards:

- Scholarship for top students in the Dutch Water Sector.
- Nominated for best BSc thesis of the Netherlands.

Publications:

- Geotechnical installation design of suction buckets in non-cohesive soils (2019). *Ocean Engineering* (188).
- Short-term scour development around an offshore piling template (2023). *ICSE-11*.

SKILLS



Structural & foundation engineering, FE analysis



Business development, statistics, laboratory tests, Python



Technical sales, data science, project management



Hydraulic engineering, GIS, software development