

# JOOST REMMERS

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## CONTACT INFO

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**E-mail:** [contact@joostremmers.nl](mailto:contact@joostremmers.nl)

**Based in:** Rotterdam, The Netherlands

**LinkedIn:** [link to profile](#)

## ABOUT ME

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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

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**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 Phillipines
  - 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