ROBERT WENINK

Teamplayer with a desire to understand, automate and optimise the world around us.

ABOUT

I obtained the unique double master's degree of Maritime Engineering and Computer Science, combining my childhood fascination for water with a predilection for efficiency and optimisation.

- R.C.T. Wenink
- 12-03-1995
- Dutch

CONTACT

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  Rotterdam, Netherlands
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SKILLS

Programming

Python ●●●●◗○

C, C++, Java ●●○○○○

Additional experience in SQL, MPI, R, VBA, Bash, PHP, Latex, Go. Daily usage of Git.

Python frameworks

Numpy, Scipy (+ Numba) ●●●●●○

Matplotlib ●●●●◗○

Pandas / Polars ●●●●○○

Django ●●●●○○

PyQt (PySide), Tkinter ●●●●○○

Web & Database

Javascript, HTML, CSS ●●●●◗○

PostgreSQL (+ PostGIS) ●●●●○○

Software & Tools

Office ●●●●●○

Azure ●●●◗○○

Languages

English ●●●●●◗

Dutch ●●●●●●

French, German ●●●○○○

Softskills

Teamwork ●●●●●○

Presenting ●●●●●○

GENERAL SKILLS AND TRAITS

Solution Oriented   Perseverance

Creativity   Composure   Empathetic

🎓 EDUCATION

Msc. Computer Science   2019 – 2023

Technical University Delft, 120 ECTS

Track: Data Science & Technology

Thesis: Development of a novel multi-fidelity Gaussian Process Regression methodology for improved design optimisation, leveraging convergence information of CFD simulations.   → TU Delft Repository, → ResearchGate

Msc. Maritime Engineering   2018 - 2023

Technical University Delft, 120 ECTS

Track: Science & Ship Hydromechanics

Thesis: See thesis of Msc. Computer Science.

Pre-master Computer Science   2018 - 2019

Technical University Delft, 45 ECTS

Bsc. Maritime Engineering   2013 - 2017

Technical University Delft, 180 ECTS

Minor: Robotics, design and construction of a robot cleaning canal surfaces.

Thesis: Efficiency of wave-energy converters attached to monopoles.

⚙ EXPERIENCE

Founder   07/2022 - present

Maritime Engineering & Computer Science

Started my own (freelance) company to continue the vision I had while pursuing my double degree. Also see my website: robertwenink.com.

- **Cadeler A/S**

  Projects in automation and data science, and talking about more.

Thesis project   09/2021 - 06/2023

Technical Universtiy Delft

Setting up an elaborate Python framework for the development and testing of a novel multi-fidelity Gaussian Process Regression method. As part of the double degree Computer Science + Maritime Engineering.   → ResearchGate

Assistant Maintenance Engineer   11/2019 - 02/2021

Campus Real Estate [0.2 fte]

Planning asset maintenance for buildings on the TU Delft campus.

Managing the asset database.

Assistant R&D Engineer   02/2018 - 08/2018

AllSeas Group S.A. [1 fte]

Concept development for improved sub-sea operations.

💬 EXTRA

In my free time I like to swim, cook (and eat!), take up any of my little hobby coding projects, or simply spend time with my girlfriend or friends. Some other notable activities:

- 🎵 2017 – present   Founding of 'De Virgiel Bigband', playing the saxophone.
- 🏆 2021 - 2023   Bartender at Bar Benthuis (local Rotterdam bar).