

CFD Specialist experienced with Hydrodynamics or Hydrodynamicist with an Passion for Simulations

1 Are we looking for you?

Unique and Interesting,

You will be involved in our CFD team as CFD Specialist and/or Hydrodynamicist working together in a team of professionals with a variety of backgrounds. Your main focus will be on the *Computer Fluid Dynamic Simulation* for consultancy- or client projects. To work on your technical experience, we assure you will be assisting frequently in *Architectural and General Design* work of any of our other high potential projects as well.

As a CFD Specialist and/or Hydrodynamicist you will carry out projects that are focused on the hydrodynamic and aerodynamic performance of yachts, ships and marine structures. This involves quantifying those properties for existing and new designs by Computer Fluid Dynamic Simulations, model- and full-scale testing, as well as analysing, modifying and optimising such designs.

Besides carrying out such projects, you will need to present your work to clients, keep in touch with developments in the field, maintain good relationships with the various research institutes and universities with which we cooperate, and contribute to research in the field of hydrodynamics and naval architecture.



Different and Challenging,

At *Van Oossanen* Naval Architects we work together to achieve the highest possible level in our work. To achieve this, we believe communication is key: communication between the members of our team, the multiple in-house disciplines and, most of all, the external clients and co-makers.

Where we strive towards market changing designs we believe we have to work together to achieve the same goal, the most efficient and comfortable designs possible, where a hydrodynamic issue can be solved by the structural design or a naval architecture challenge should be investigated to the smallest technical details.

In short, we are looking for a CFD Specialist or Hydrodynamicist, who likes to face challenges and is a highly communicative team player, with a passion for ship design!

Are you a CFD Specialist or Hydrodynamicist and are you looking to change the direction you are flowing? Please get in touch with us!

2 Are you looking for us?

Our Heritage,

At Van Oossanen Naval Architects we apply decades of expertise and experience to look at a boat, ship or yacht's design from every angle, to help our clients enhance its performance in every way possible. From hull form to energy-saving appendages, from shipyard construction methods to systems installation.

As you are an engineer yourself you won't be surprised to hear that we are driven by an insatiable curiosity to continually research, develop and experiment. This is why we at Van Oossanen Naval Architects spend over 20% of our time and resources on in-house research & development projects.

At Van Oossanen Naval Architects we look further ahead than just the early design or engineering phases, we continually examine all the requirements of our clients and consider the project as a whole.

We have studied and researched virtually every aspect of vessel performance for over forty years. In this time, we accumulated a wealth of expertise relating to fluid dynamics and naval architecture.

Working Culture,

Our technical team consists of naval architects and engineers, hydrodynamicists and project managers. We believe the best results come from a well-balanced mix of backgrounds, ages, experience levels and nationalities.

To monitor and work on your professional growth we work with Function profiles & Skill competences on several levels for several career paths, allowing you to grow from junior towards Senior Specialist, Project Lead or beyond.

Within the technical team the project progress, planning and budgets are monitored by our *Manager Projects*, where the project quality is guarded by the *Team Lead*. The *Manager Projects* and *Team Lead* form the *Project Office*, who are tasked to support and manage the complete technical team.

Aside of the technical team, the Board of Directors are managing the daily business of the company together with our colleagues on public-relations, sales, office management, administration and finances.



The Atmosphere,

At Van Oossanen we work hard towards a common goal: continuous improvement, high efficiency and sustainable design. We do this in an open and communicative work environment where we actively encourage all team members to share their ideas and participate in design and innovation challenges.

To keep the team spirit high, we have an Employee Representation Committee (PVT) who have a continuous dialogue with the Board of Directors. A party committee ensures several company and team events are organised each year. Aside of this we spontaneously come together for a shared lunch, go for a walk during your break or go for some after work drinks.

3 What do We expect from You?

Knowledge and Skills,

We are looking for a candidate;

- Who completed a Master's degree in ship science or equivalent and graduated on a fluid mechanics and/or ship hydrodynamics topic.
- That is experienced with Computational Fluid Dynamics (CFD), has a thorough understanding of fluid mechanics and preferably experience with the FINE/Marine or similar package.
- Has experience with Rhinoceros, Linux, and preferably also knowledge of Bash and/or Python scripting.
- That has a keen interest in the naval architecture process of ship design.
- Is able to work both in a structured team and as a flexible individual.
- That is responsible, analytical and creative with communication skills.
- Is fluent in English, both written and spoken.
- That has a citizenship within a NATO member country. ([What is NATO?](#))

Working conditions,

You will start your work as a *junior* or *medior* member of our CFD department. Depending on your experience, you will be required to carry out and take the lead in these projects.

For this job opening we are looking for candidates available for 0.8FTE to 1.0FTE, 32 to 40 hours a week, in return for a market confirm salary fitting your level of experience, regulated flexible working hour and annually 25 holidays in addition to the Dutch national holidays.



Procedure,

If you have any questions and/or like to apply for this opportunity please send your motivation letter and curriculum vitae to info@oossanen.nl and/or call the office on +31 (0) 317 451 573

Recruitment by commercial agencies in relation to this or other vacancies is not appreciated.