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Research Questions

The following questions have been raised. An internship or master's thesis research can address one or more of these.

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- Can a post processing AI model be built based on measurements and expected freshwater outflow to improve the results.
- 2. Or is a 3D model the only solution.
- 3. Or is it possible to train an AI model offline based on 3d model outcomes.

To answer these questions, it is deemed useful if the intern will get a practical feeling for the context by sailing on a ship in the area and through meetings with pilotage, with experts from the Hydro-Meteo Center that produces the forecasts and with people from the Port of Amsterdam. We expect the intern to show a keen interest in these meetings.

The Company

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VORtech is a company of scientific software engineers. Our team consists of some 30 colleagues with a background in engineering, mathematics, and computer science. We work on operational software for forecasting, simulation, analysis, and optimization. Our customers are mostly government agencies and large industrial corporates.

We have the ambition to be a technology leader. Therefore, we welcome collaboration with universities to learn new techniques and to help turn new developments into practical applications. Each year, one or two master students do an internship or their master's thesis research at VORtech. We tend to take an active role in each internship, providing close guidance and support.

As an intern, you will be part of the team and participate in all the activities, both social and work-related.

Are you Interested?

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If you are interested in the internship or master's thesis research as described in this text, please contact Mark Roest (mark.roest@vortech.nl). If there are multiple candidates, we may have to select as we can only support one intern/master's thesis at a time.

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