

# Yaolin Ge

Teknikringen 8, 11428, Stockholm, Sweden | +46 073 095 8626 | yaolin@kth.se

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Subsea 7  
Kanalsletta 9, 4033  
Stavanger, Norway

## Engineering position in “hydrodynamic analysis”

This is Yaolin GE, a final year master student from the major of Maritime Engineering at NTNU-KTH, expected to graduate by Jun 2020, a creative and enthusiastic mariner who really enjoys making a difference in the marine field as Subsea 7 does, making subsea operation safer, cleaner, smarter. My background so far has been quite interdisciplinary, spanning the border of classical naval architecture to maritime engineering, and the potential to continue this sort of knowledge sharpening is what first attracted me to pursue this hydrodynamic engineering position, with its diversity of field in versatile systems, will allow me to learn from people at the top of this exciting field. This eye-opening engineering position will enable me to pursue my practical interests to a much greater depth while also expanding my toolsets within the hydrodynamic field. It is also worth mentioning that joining a community of other like-minded individuals will be a valuable chance for collaboration and personal development. I believe that I am a highly motivated and diligent student and also a well-qualified applicant.

Subsea will play an important role in the future of the ocean utilisation. This position attracts me to engage even more via learning and using advanced technologies to support the further subsea marine operations and design of subsea structures, pipelines and risers in a safer, cleaner, smarter way.

As a result of the strong interest in exploring subsea marine systems, I urged myself to learn more under an advanced study environment, for which I then pursued my dual-degree master's study within Marine Technology at NTNU-KTH. The interdisciplinary study environment rewarded me a lot in terms of practical skills and personal growth. Thankfully, those experiences enhanced my ability to a deeper level to utilize engineering hydrodynamic methods to solve practical problems such as structural analysis, pipeline installation and design analysis and flexible riser analysis. All my dedication has been reflected through my results from previous experience. I feel much more confident about my practical skills.

With this wide range of experiences, I have gradually developed a liking taste in the subsea marine field. I develop motivation from the level of responsibility and independence required of a graduate student and relish the opportunity to prove myself at this level.

To sum up, I expect to contribute to industry and society with my professional knowledge and practical skills obtained from this position. With full confidence in me as well as the professional training you provide in the program, I believe that my plan will be realized any time soon. Thank you very much for your time and consideration.

Applicant: *Yaolin Ge*