Yaolin Ge

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DNV GL Norway

Graduate Program sin Technology at DNV GL 2020

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 future as DNV GL does, making society safer, smarter, greener. My background so far has been quite interdisciplinary, spanning the border of classical marine engineering to IoT-enhanced maritime technologies, and the potential to continue this sort of inspiring exploration is what first attracted me to pursue this Graduate 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 experience will enable me to pursue my practical interests to a much greater depth while also expanding my future career opportunities within the technology 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 student and also a well-qualified applicant.

More advanced technologies such as IoT will play an important role in the future of the safer, smarter and greener marine industry. DNV GL attracts me to engage even more via learning and using advanced technologies to enhance the maritime industry.

As a result of the strong interest in exploring autonomous marine system, 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 and research environment rewarded me a lot in terms of practical skills and personal growth. I together with the other 11 people designed and manufactured a self-autonomous sailing boat here at KTH SMaRC, in which I was the steering guy who took the entire steering system to an upgraded level to achieve the self-autonomous sailing and active steering capabilities. Thankfully, those experiences enhanced my ability to a deeper level to utilize engineering methods to solve practical problems. I feel much more confident about my practical skills. At present, I am conducting my master's degree project within underwater signal processing system for the underwater navigation system which has an emphasis on underwater detection, localization and tracking objectives.

With this wide range of experiences, I have gradually developed a liking taste in the autonomous 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 the industry and society with my professional knowledge and practical skills obtained from this Graduate Program at DNV GL. 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*