**Yaolin Ge**

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To Whom It May Concern:

This is Yaolin GE, a final year master student from the major of Maritime Engineering at KTH Royal Institute of Technology, expected to graduate by mid-Jun 2020, currently applying for the Aker Solutions Summer Intern 2020 program with specializing in Safety and Automation.

The interdisciplinary study and research environment at NTNU rewarded me a lot in terms of practical skills and personal growth. I did follow my passion to polish my understanding in the field of marine engineering. Namely, I enhanced my numerical analysis skills through several course-related projects such as designing local structures such as a cruise balcony; analysing the dynamic response of a slender riser using different techniques; performing FEA analysis for jacket structures and designing a propeller; risk assessment was investigated intensively as well, etc. 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 thanks to the experience gained at NTNU.

At present, I am doing my master’s degree project within the marine autonomous system at KTH. I led a group of people work out the steering system in the design project for the 2nd generation Maribot Vane which is an autonomous sailing boat developed at KTH.

With this wide range of experiences, I have gradually developed a liking taste in the autonomous maritime industry. Pursuing this program with the its diversity of field in versatile systems and its strong reputation, will allow me to learn from people at the top of this exciting field. It will also enable me to pursue my practical interests to a much greater depth while also expanding my future career opportunities. 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.

To sum up, I expect to contribute to industry and society with my professional knowledge and practical skills obtained from the Aker Solutions Summer Intern 2020 program with specializing in Safety and Automation. 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: