

# Yaolin GE

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DNV GL Offices in Norway  
Veritasveien 1  
Høvik  
Norway

Trondheim, 25 January 2019  
Expected area: Marine Technology

Dear Sir/Madam,

I am writing to express my strong interest in the area of Technical engineering at DNV GL Offices in Norway. As a fourth year Master's student currently studying Marine Technology at NTNU, I would greatly appreciate the opportunity to have a chance to join the summer job at DNV GL.

I have gained proficiency in the area of Finite element analysis for marine structure, Design methods, Simulation-based design, Advanced analysis of marine structures during the first semester of my Master's study, and I have four courses ongoing which are Electrical propulsion system, Underwater engineering, Naval hydrodynamics, Hydrodynamics of high-speed marine vehicles this semester. I have the following skills and qualifications as outlined in the job description:

- Experience developing codes based on Python and C++
- Proficiency in Matlab and familiarity in Maple and Simulink
- Proficiency in Lingo and Excel, Latex and Word
- Good use of Inventor and CAD
- Proficiency in ANSYS in APDL parametrical modeling and familiarity in ABAQUS
- Proficiency in both written and oral English

My enclosed resume provides more details of my skills and achievement track record. I am excited by the chance to engage in collaborating with a great group of people at DNV GL.

Yours sincerely,



Yaolin GE

## PERSONAL INFORMATION

## Yaolin GE

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## POSITION

## Summer job

## WORK EXPERIENCE

Sep 2016–Mar 2017

## Radio Orienteering Team Leader

National Defence Education Development Class, JUST, Zhenjiang (China)

- Led team members in regular national defence education trainings
- Took main responsibility of managing training schedules and communicating with the training instructors to maintain team training orders, dealt with emergency situations effectively

Sep 2015–Jun 2016

## Coach

Jinhanxi Taekwondo, Zhenjiang (China)

- Took charge of regular office administrative tasks of the association
- Organized weekly pieces of training for the members, contacted competitions with external associations

Sep 2014–Jun 2018

## Volunteer

Student Volunteer Association, Zhenjiang (China)

Participated in local and on-campus volunteering activities regularly

## EDUCATION AND TRAINING

Aug 2018–Present

## Joint Master of Engineering

Norwegian University of Science and Technology, Trondheim (Norway)

Design Methods, Simulation-based Design, Advanced Analysis of Marine Structure, Finite Element Analysis of Marine Structure, Naval Hydrodynamics, Hydrodynamics for High Speed Marine Vehicles, Underwater Engineering, Electrical propulsion, etc.

Sep 2017–Jan 2018

## Exchange Study Program

University of Strathclyde, Glasgow (United Kingdom)

Seakeeping and Manoeuvring, Theory and Practice of Marine CFD, Finite Element Analysis of Marine Structures, High Performance Sailing Yacht, etc.

Sep 2014–Jun 2018

## Bachelor of Engineering

Jiangsu University of Science and Technology, Zhenjiang (China)

Advanced Mathematics, College Physics, Theoretical Mechanics, Linear Algebra, Mechanics of Materials, Basis of Ship CAD, Shipbuilding Material and Welding, Ship Fluid Mechanics, Structural Mechanics for Ships, Ship Resistance and Propulsion, etc.

## PERSONAL SKILLS

Mother tongue(s)

Chinese

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

International English Language Testing System

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

- Communication skills**
- Good communication skills gained through my experience in the extra-curricular activities
  - Good teamwork skills through my research project experience
  - Good executive ability through my experience in the national defence education trainings

- Job-related skills**
- Proficiency in programming codes based on Python and C++
  - Good command of mathematical tools such as Matlab and Maple
  - Proficiency in Lingo and MS suite of products
  - Familiarity in finite element analysis and relevant tools including ANSYS APDL and ABAQUS
  - Knowledge in sketching technical drawing by using Inventor, CAD, and Maxsurf

## ADDITIONAL INFORMATION

**Memberships** Member of the Royal Institution of Naval Architects

- Honours and awards**
- First Prize, Academic Competition in Mechanics Knowledge, JUST, 04/2017
  - Outstanding Trainee of National Defence Education Development Class, JUST, 03/2017
  - Second-class Scholarship, CSSC Huangpu Wenchong, 11/2016
  - Second-class Renmin Scholarship of Academic Year 2015-2016, 10/2016
  - Outstanding Trainee of National Defence Education Development Class, JUST, 07/2016
  - Honourable Mention, Xuediao Innovative Design Contest, 12/2015
  - Second Prize, SIYANG Diesel Assembly & Disassembly Contest of Jiangsu Province, 11/2015
  - National Encouragement Scholarship of Academic Year 2014-2015, 11/2015
  - Second-class Renmin Scholarship of Academic Year 2015-2016, 10/2015
  - Second Prize, Decelerator Assembly & Disassembly Contest, 06/2015
  - Best Popular Prize & First Prize, Micro Speech Contest of JUST, 04/2015
  - Outstanding Member of the Communist Youth League of Academic Year 2014-2015, 06/2014
  - Honourable Mention, CMIH Simulation Model Design Contest of High-piled Wharf, 12/2014
  - First Prize, SIYANG Diesel Assembly & Disassembly Contest of Jiangsu Province, 11/2014