

Curriculum vitae

PERSONAL INFORMATION

Reza Karimpour



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Sex Male | Date of birth 21/09/1982 | Nationality Iranian

EDUCATION AND TRAINING

2016–2017

Master of Science in Maritime Energy Management

World Maritime University in Malmö, Sweden.

Master Thesis title: "Circular economy modelling to accelerate the transition of ports into self-sustainable ports- a case study in Copenhagen-Malmö Port (CMP)".

2016

Marine Chief Engineer, International Certificate of Competency (116 HRS), NITC Maritime Training Institute, Mahmudabad, Iran.

2014

Basic and Advance training for Oil Tanker cargo operation proficiency certificate, NITC Maritime Training Institute, Mahmudabad, Iran

2009 - 2010

Marine Senior Engineer (750 HRS), The Iranian Maritime Training Institute (member of International Association of Maritime Universities), Marine Engineering Dep, Tehran, Iran.

2004 - 2009

- Training for Trainers and Assessors (TFT) Certificate
- Safety & Human Resource certificate
- Basic Hydraulic simulation & Control and instrumentation certificates
- Refrigeration system certificate
- International Safety Management (ISM/ISO 9002) certificate
- Familiarization with the International Convention of (STCW) certificate
- Basic safety training certificate
- International Ship and Port Facility Security Code Familiarization (ISPS) Certificate
- Medical First Aid & Advanced Fire-Fighting certificates
- Survival craft and rescue boats other than fast watercraft certificate

2001 - 2004

Bachelor Degree in Mechanic Engineer

The Iranian Maritime Training Institute, Tehran (Iran)

Academic Publications

1- "A Study on the Role of Human Element (Staffs) in Marine Accidents", 2016, Open Journal of Marine Science, Author:Reza Karimpour, Co-author:Zahra Karimpour, <http://dx.doi.org/10.4236/ojms.2016.63034>

2- "Development of Hybrid Propulsion System for Energy Management and Emission Reduction from Ships", published in Open Journal of Marine Science, Author:Reza Karimpour, Co-author: Maryam Karimpour, 2016, [10.4236/ojms.2016.64040](http://dx.doi.org/10.4236/ojms.2016.64040)

3- "Circular Economy approach to facilitate the transition of the port cities into self-sustainable energy ports – A case study in Copenhagen-Malmö Port (CMP) ", submitted to be published in <https://link.springer.com/journal/13437>. Author:Reza Karimpour, Co-authors: Dr.A.I.Olcer , Dr.Fabio.Ballini

4- " Developing Energy Management System in European Ports", DocksTheFuture project, beneficiary by the European Commission to define the Port of the Future concept, meant as a near future (2030), <http://www.docksthefuture.eu/developing-energy-management-system-in-european-ports/>

5- "Digitalisation and ICT innovations – A focus on Port Logistics", DocksTheFuture project, Author:Reza Karimpour, Co-author: PhD candidate in IT: Maryam Karimpour
<http://www.docksthefuture.eu/digitalisation-and-ict-innovations-a-focus-on-port-logistics/>

6 - "Digitalization wave on the way for shipping industry" , The Motorways Of the Sea TEN-T, <https://www.onthemosway.eu/digitalization-wave-on-the-way-for-shipping-industry/>
 Author:Reza Karimpour

7- "Synchromodality as a tool for decarbonization and optimization of logistics", SYNCHRO-NET Project, <https://www.synchronet.eu/news/synchromodality-as-a-tool-for-decarbonization-and-optimization-of-logistics/>

8- "China's Polar Silk Road, a threat or an opportunity" , DocksTheFuture project, <http://www.docksthefuture.eu/chinas-polar-silk-road-a-threat-or-an-opportunity/>
 Author:Reza Karimpour

9- "The Belt and Road Initiative: China's way for globalisation", The Motorways Of the Sea TEN-T, <https://www.onthemosway.eu/the-belt-and-road-initiative-chinas-way-for-globalisation/>

Honours and Awards

- ❖ **Ranked 1st**, and won the Researcher position among all applicants for the research project "Analysis on the usefulness of Blockchain in the context of logistics fencing and logistics efficiency of maritime transport " approved by Department of Naval Engineering, Electrical, Electronics and Telecommunications (DITEN) of the **University of Genoa**.
- ❖ **Ranked 3rd** in Master programme among all 133 Graduates from 49 countries, in the class of 2017 at World Maritime University, Sweden.
- ❖ **Ranked 2nd** among all (more than 200) of participants in the entrance exam of the Iranian Maritime Training Institute (member of International Association of Maritime Universities, (IAMU)).

Research and Projects

- 1- Project: **Baltic Interreg Sea Region GoLNG**, www.golng.eu, at World Maritime University in Malmö, **Sweden**. In addition, I prepared the final strategy document sections on: best practices of LNG application, LNG Safety & Security in shipping, LNG in inland waterways, the business opportunities of LNG, and etc.
- 2- Project: Geopolitics of Arctic shipping: the state of icebreakers and future needs. <https://link.springer.com/article/10.1007%2Fs13437-018-0142-7>, a very new ongoing project at World Maritime University in Malmö, **Sweden**. I was engaged in providing a database for all data related to the current worldwide polar icebreakers and SAR facilities in the Arctic.
- 3- Research Project: Analysis on the usefulness of Blockchain and digitization in the context of logistics fencing and logistics efficiency of maritime transport. Working as the researcher at the University of Genoa, **Italy**.
- 4- Project: **Docks The Future**, www.docksthefuture.eu, I have contributed to this European project which is a beneficiary by the European Commission to define the Port of the Future, meant as a near future (2030). A focus on challenges related to simplification and digitalization of processes, emission reduction, energy transition, electrification, port-city interface and the use of renewable energy management.

PERSONAL SKILLS

Mother tongue(s) Persian

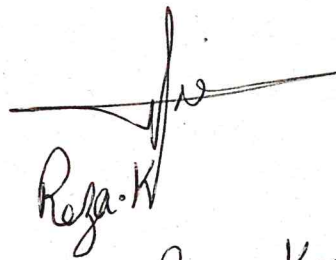
Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
IELTS Academic: Overall Band Score 7					
Arabic	B1	B1	A2	A2	A2

Communication skills	- Good communication skills gained through working in a multi-nation atmosphere, - Experience in executing duties with involved stakeholders and building relationships in a changing environment
Organisational / managerial skills	- Consistency in management to do tasks and being a true team leader with the ability to work independently, - Good organizational skills and being analytical, structured and a responsible character.
Job-related skills	- As a senior engineer, training of students and share of knowledge with junior engineers - Ability to prioritize tasks and handle emergency situations
Digital skills	International Microsoft Office Skill Certificate

WORK EXPERIENCE

- 2005–2016 **Mechanic Engineer in technical department of shipping companies**
Mechanic Engineer, my quality and immediate expertise included:
- ensuring and supervising the safe operation and maintenance of equipment
 - technical systems' troubleshooting, regarding safety of systems.
 - surveying and planned/monitoring maintenance system execution,
 - cooperation with a wide range of stakeholders: port state control, classification societies, auditors, customs, insurance clubs, repair workshops, charter party and cargo owners.
 - adjusting and observing the technical department staff as the head of department (2013-2016) to ensure the job execution according to job description manual.
 - preparation of documents and daily reports as chief engineer to my superior.
- 2017 **Project Researcher**
Researcher in the project of "GoLNG", <http://www.going.eu/>, at World Maritime University, Malmö, Sweden . It focused on providing a model on how LNG infrastructure should be deployed in order to establish LNG powered transport corridors for Maritime. In addition, I prepared the final strategy document sections on best practices of LNG application around the world, LNG Blue Corridors, LNG Safety, LNG Security in transport by ships, LNG in inland waterways, the business opportunities of LNG, world energy and gas outlook, and bunker stations.
- 2018 **Project Researcher** for the project of "Analysis on the usefulness of Blockchain in the context of logistics fencing and logistics efficiency of maritime transport" - University of Genoa .



Reza Karimpour

31. May. 2019

