



# Kostas Koutsoukos

Naval Architect & Marine Engineer

Passionate and goal-oriented with curiosity for innovation and emerging technologies, with a versatile skill set, a strong drive for continuous learning and a collaborative mindset.

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## WORK EXPERIENCE

### Naval Architect & Marine Engineer Advanced Engineering Services P.C.

12/2021 - Present

Marine Technical Consulting, Newbuilding Projects, Plan Approval, New Technology

Piraeus, Greece

Achievements/Tasks

- Newbuilding Specification Review
- New Technology Projects (LCO<sub>2</sub> carriers, CCUS etc.)
- Plan Approval

### Personnel Management Office Hellenic Navy General Staff

11/2020 - 11/2021

Cholargos, Greece

Tasks

- Administrative duties

### Naval Architect & Marine Engineer Alpha Marine Consulting P.C.

09/2020 - 10/2020

Ship Design, Marine Engineering and Management Consulting

Piraeus, Greece

Tasks

- Development of the Inventory of Hazardous Materials (IHM)

### Assistant Surveyor MTC Company Ltd.

06/2019 - 08/2019

Marine Technical and Surveying Services

Piraeus, Greece

Tasks

- Attendance during ship and yacht surveys, data collection, contribution to forming survey reports

## EDUCATION

### MSc Marine Engineering Newcastle University

09/2019 - 08/2020

Newcastle, United Kingdom

Thesis

- Numerical investigation of the effect of stern foil on a crew supply vessel

### MEng Naval Architecture & Marine Engineering National Technical University of Athens

10/2012 - 06/2019

Athens, Greece

Thesis

- Strength analysis of a bulk carrier's hatch cover using composite materials

## SKILLS

### 2D and 3D Design

AutoCAD, Inventor, Fusion 360, Rhinoceros, AVEVA

### Microsoft Office

Word, Excel, PowerPoint, Outlook

### Finite Element Method (FEM)

ANSYS Mechanical

### Computational Fluid Dynamics (CFD)

Fine/ Marine

### Computer Science

Matlab, General computer literacy

### Soft Skills

Analytical Thinking, Teamwork, Project Management, Problem Solving, Research

## PERSONAL PROJECTS

### Hydrocontest 2017 & 2018 (10/2016 - 12/2018)

- Member of the team of 8 that represented NTUA and Greece in Saint Tropez, France in an international student competition dedicated to naval energy efficiency. It included the design, the construction, and the piloting of 2 model boats (~3 m)
- Winning the 4th place among 30 teams.
- Primarily involved in the model design, the model construction, and the project management.

## LANGUAGES

### English

Full Professional Proficiency

### Greek

Native or Bilingual Proficiency

## INTERESTS

3D Printing

Yachting

Travelling

New Technology