

NIKOLAOS VASILEIADIS

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RELEVANT WORK EXPERIENCE

- Currently: Independent Naval Architect, Marine Hydrodynamics, Ship Stability, Structural Analysis (FEA), Marine Accidents and Surveying
- April 2015-September 2016: Lloyd's Register, Specialist Ship Structures (Gas Ships), Plan approval of LNG Containment Systems, Structural approval work
- January 2014-February 2015: Navy National Service based on the Naval Architecture office in Elefsis Shipyards. Surveying of the construction of two FACs.
- September 2011-January 2014: Global Maritime Consultancy LTD as Naval Architect, Projects: Hydrodynamic analysis (Motions & Accelerations, Hydrodynamic Loads), Hydrostatics, Mooring Analysis, FE Analysis, Ship Collisions (Damage and Risk Assessment)
- September – October 2008 : Hellenic Shipyards (Thyssen Krupp)
Two weeks I was a trainee in the management department getting informed about the organization and running of the shipyard. Three weeks I worked in the installations of the shipyard and in particular at the unit of Submarine construction.
- September – October 2007 : Elefsis Shipyards , Design Department
 - Designed the hull and the appendages of vessel using Inventor (Autodesk). The goal was to create at the end a realistic presentation of the vessel, in order for the shipyard to be authorized the construction of the vessel.
 - Assisted with the calculation of Hydrostatic Data of different other ships and designs using specific softwares like Tribon and Rhino.
- September 2005 – July 2010 : NTUA - Naval Architecture and Marine Engineering
 - Thesis work in the department of Hydrodynamics. Often I was asked to help with the experiments in the towing tank and with some CFD calculations.
 - Assisted in the PC laboratory for the Fortran Programming class
 - Assisted in the PC laboratory for Computer Mechanical Design class on the Inventor (Autodesk) design software.
- IT / Software: Office, Tribon, Rhinoceros, Autocad, Inventor, Star CCM+, SWAN2 (CFD), Shipflow (CFD), RAPID (CFD), Moses, Sesam DNV (Genie, HydroD), GMOOR, Optimoor, Fortran, Matlab, C+

EDUCATION and TRAINING

- November 2015: GTT Membrane Technologies Training
- September 2010 - August 2011: MSc in Naval Architecture, Newcastle University School of Marine Science and Technology, Graduation Average (78.2/100 PG Award Distinction), Thesis 'On the seakeeping comparison between Deep-V and Round-bilge Catamaran Vessels', Sup. Pr. M.Atlar.
- September 2005 - September 2010: National University of Athens School of Naval Architecture and Marine Engineering, Graduation Average (7.34/10), Thesis 'Experimental and Numerical Resistance Investigation of semi-SWATH Vessels', Sup. Pr. G.Grigoropoulos
- Variety of conferences and seminars in Naval Architecture and Marine Engineering

RELEVANT ACHIEVEMENTS

- May 2015: Presentation of ‘An Overview of Hydrodynamic Energy Efficiency Improvement Measures’ paper in SOME ’15 Conference
- August 2014: Co-writer of Naval Architecture notes for the Hellenic Navy Academy.
- September 2010: Contribution in ‘On the Resistance Prediction of High-Speed Semi-SWATH hull forms’ paper of professors G. Zaraphonitis, G. Grigoropoulos & D. Mourkoyiannis of NTUA through own dissertation (“Experimental and Numerical Resistance Prediction of semi-SWATH Hulls”). I contributed with the experimental results of the resistance of two semi-SWATH models.
- June 2007: IMAREST award for the best paper in class in the course of Electric Machines. I was in charge of a four-people group project about ‘Fuel Cells’. The paper was presented in an IMAREST exhibition in Athens.
- September 2005: State Scholarship for entering first – achieving the highest grade – in Panhellenic exams among the students that entered the Naval Architecture department of NTUA in year 2005.
- Annual prizes through all years in high school for achieving A grades
- June 2011: Third place on best thesis project competition of 2009-2010 in Naval Architecture and Marine Engineering in NTUA sponsored by IMAREST (decisions made by June 2011).

LANGUAGES

- Greek: Native
- English: Proficiency of Michigan & Proficiency of Cambridge, ib TOEFL (101/120)
- German: Mittelstufe & Test DAF (equivalent to TOEFL for German)
- Italian: Basic level

INTERESTS AND ACTIVITIES

- Naval Architecture and Marine Engineering Conferences
- Basketball, Marathon running, Football, Snowboarding
- Sociological studies, Travelling, Music, Environmental volunteer work