

Wärtsilä Netherlands B.V.
Department of Hydrodynamics
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Education

- Oct. 2015-present Early Stage Researcher at Wärtsilä Netherlands B.V., Drunen, Netherlands
PhD in Hydrodynamics (Marie Curie Fellowship), Research Interests: Cavitation and Surface Erosion on Marine Propellers
Advisor: Norbert Bulten, PhD, Manager of Hydrodynamics, Wärtsilä Netherlands B.V.
- Oct. 2010-Sep. 2015 National Technical University of Athens (N.T.U.A.), Greece
5-year BEng & MEng (Engineering Diploma) in Naval Architecture & Marine Engineering
GPA: 8.46/10.00
Thesis Title: *"Coupled Hydrodynamic Analysis of Floating W/T using Exact and Approximate Methodologies"*
Advisor: Professor Spyridon A. Mavrakos.

Professional Experience

- Mar. 2015-Jul. 2015 Wärtsilä Netherlands B.V., Drunen, Netherlands
Internship on R&D Validation & Industrialization, Data Analysis using high-level programming language (Python)
Expanded existing script to calculate Principal stresses and Von Mises stresses from data received from Wärtsilä Test Rig measurements (strain gauges).

Awards

- Jun. 2011 First prize in homework project competition in Electrosience by the Institute of Marine Engineering, Science & Technology (IMAREST)
- Mar. 2015 Erasmus+ scholarship for internship via student's exchange programme
- Dec. 2015 Undergraduate prize offered to the top three students with the three highest final grades who graduated in 2015 (3rd place). Awarded by Limmat Stiftung, non-profit swiss foundation.

Technical Skills

- **Programming:** Very good knowledge of Matlab and Fortran, working knowledge of Python
- **Design:** Very good knowledge of AUTOCAD, INVENTOR 3D CAD and AVEVA MARINE, working knowledge of RHINOCEROS 5.0 and STAR-CCM+
- **Operating Systems:** Linux, Windows

Languages

English (Fluent), German (Intermediate), Greek (Native)

Other Activities

- **Conferences:** CAV2015, 6-10 December 2015, Lausanne, Switzerland
- **Interests:** Basketball (10-year amateur occupation), Football, Kick Boxing, Video Games