

# Theodoros Mantzaris

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## Experience

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- 06/2016 – present      **Freelance Translator.**  
Specialized technical translator.  
Involved in technical translation projects related to energy industry, mechanical and electrical works.
- 11/2016 – 1/2018      **Operation & Maintenance Mechanical Engineer, METKA S.A. at Takoradi GHANA.**
  - O&M Mechanical Engineer at AMERI/Power Projects 250MW Takoradi Power Plant.
  - Onsite troubleshooting.
  - Setting the daily maintenance plan and making sure that it is completed properly.
- 5/2016 – 10/2016      **Service Engineer at J.B Cambas Ltd.**
  - Responsible for the commissioning and maintenance of gas analyzers manufactured by SICK AG for monitoring the industrial emission .
  - Onsite troubleshooting.
  - Daily visits at industries such as refineries, cement plants, power plants for the maintenance of the analyzers.
  - Working at heights.
- 10/2015 – 4/2016      **Internship at Famar, technical department as a successful Regeneration Candidate.**
  - Implementing projects regarding factories facilities such as mapping of various networks (heating, cooling, compressed air).
  - Producing machines history data.
  - calibration of instruments in the area of Production and Packaging.
- 3/2014 – 6/2014      **Internship at Pulse Dynamics Ltd.**
  - Construction of the medical device 'Papimi'. Department of final assembly line, quality assurance.
- 2011 – 7/2014      **Furniture Design and Construction, Self Employed**
  - Designing and constructing custom made furniture. It began as a hobby and became a profitable activity which involved communication with customers, scheduling orders, purchasing material.
- 2009 - 2012      **Private Tutoring** in MATHS and PHYSICS
  - Helped High School students comprehend MATHS and PHYSICS concepts by explaining in a simple manner and prepared them for the final exams.
- 2/2009      **Voluntary work.** Hospital in the city of Bukoba located in Tanzania, Africa, as a member of 'Eimai edo' charity organization.
  - Responsible for patient's registration and conduction of basic medical measurements.

8/2006 – 12-2006      **Customer Service Department,** Hellenic Telecommunications Organisation..

- Providing information and consulting customers (average of 15 calls per hour).

## Skills and Other

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*IT:* Advanced knowledge: MS Office , Basic Knowledge: Fortran, Linux, AutoCAD

*Distinctions:* Distinction in a mathematic contest of the Greek Mathematics Association called 'Thalis' (2003), *SFC* Scholarship.

*Languages:* Greek            Native speaker  
                  English            Fluent written and spoken  
                  Portuguese    Basic knowledge written and spoken

## Education

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10/2014 – 10/2015      **University of Aberdeen**  
**MSc Oil and Gas Engineering,** SFC scholarship.  
Courses include: Reservoir Engineering, Fundamental Concepts in Safety Engineering, Fundamentals of Petroleum Geosciences, Project Management, Oil and Gas Chemistry, Facilities Engineering, Flow Assurance and Well and Production Engineering.

2005 – 2012              **National Technical University of Athens, Greece.**  
**Master of Engineering (MEng),** Energy Mechanical Engineer (2:1).  
Courses included: Thermal Turbomachines, Fluid Mechanics, Hydraulic Turbomachines, Internal Combustion Engines, Steam Generators, Wind Energy.  
**Diploma thesis,** Analysis of wind turbine blades with extended design up to the hub. *Course 'Fluid dynamics' of Fluid Section, School of Mechanical Engineering (NTUA), Athens, Greece.*  
Research on the aerodynamic behaviour of the new design, in order to examine the annually produced energy of the wind turbine. The research was based on GNVP which is an unsteady flow solver developed for rotor systems.  
Supervised by Ass. Prof. Spyridon Voutsinas.

## Interests

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*Sports:* Climbing, Basketball (8 years amateur level), Capoeira (Brazilian martial art) since 2005 and teaching since 2009. Participated in the 6<sup>th</sup> Encontro of capoeira in Santos, Brazil in 08/2008. Diver (Open Water Sport Diver 2/2008). Participated in the 'Athens Classic Marathon' in 11/2011 and in triathlon contest called Schinathlon in 5/2009. Sailing (Open Sea Diploma 7/2010).

*Beekeeping:* Participated in a course held by the Institute of Agricultural Sciences (3/2012 – 6/2012). Successfully set up and maintain four bee hives for a period of two years.

*Travelling:* Travelled in more than 20 countries, member of [www.couchsurfing.org](http://www.couchsurfing.org) community since 2009.