



Aspasia Mavroudi

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WORK EXPERIENCE

 **INSTITUTE OF OCEANOGRAPHY, HELLENIC CENTRE FOR MARINE RESEARCH (H.C.M.R.)** – ANAVISSOS, ATTICA, GREECE

WEB DEVELOPER / GEOSPATIAL DATA SYSTEMS ADMINISTRATOR – 14/04/2019 – CURRENT

- Developing and maintaining the front end and back end functionality of websites using Drupal CMS and WordPress CMS.
- SEO optimization and UI enhancements for web portals.
- Contribution to the development of interactive web maps for forecasting data visualization using HTML, CSS, and JavaScript.
- Development of the hybrid web-mobile application (PWA App) for the POSEIDON system using Android Studio and Trusted Web Activities.
- Management of scientific geospatial data servers (THREDDS, LAS) for data provisioning, retrieval, visualization, and post-processing using XML, NetCDF Markup Language, and Bash scripting.
- Contribution to workflow processes for the systematic collection, processing, and distribution of geospatial data from marine observatories to European distribution centers.
- Administering data ingestion processes for operational wave forecasting and reanalysis products for the Mediterranean Sea into the Copernicus Marine Data Store.

 **"ALLEGRO ABEE" - BABY/KIDS PRODUCTS TRADE** – METAMORPHOSIS, ATTICA, GREECE

WEB DEVELOPER – 30/11/2014 – 29/06/2017

- Redesign, development, and maintenance of the front-end and back-end of the e-shop website using Joomla! CMS and VirtueMart.
 - Social Media Marketing strategies (Google Ads & Facebook advertising, newsletters).
- (Part-time)

 **MINISTRY OF TRANSPORT AND COMMUNICATIONS** – GERAOKAS, ATTICA, GREECE

SYSTEM OPERATOR – 29/12/2013 – 28/05/2014

- Handling of the Ministry's system for vehicle transfers, deletions, and withdrawals.
- Customer service.

 **"ALLEGRO ABEE" - BABY/KIDS PRODUCTS TRADE** – METAMORPHOSIS, ATTICA, GREECE

WEB DEVELOPER – 31/08/2011 – 30/01/2014

- Reconstruction and maintenance of the front-end and back-end of the e-shop website using Joomla! CMS and VirtueMart.
- Social Media Marketing strategies (Google Ads & Facebook advertising, newsletters).
- SEO strategies (1st page results).
- Google Analytics.

 **"STOWEB" - INTERNET SERVICES COMPANY** – ATHENS, GREECE

WEB DEVELOPER – 31/03/2012 – 29/06/2013

- Development and maintenance of the front-end and back-end functionality of the company website as well as client websites using Joomla! CMS, CS-Cart CMS, HTML, and CSS.
- Collaboration with internal clients to achieve business objectives, scope definition, and requirements gathering.
- Logo and banner design for websites.
- Integration with Google Webmaster Tools & Google Analytics.

 **"AGGELOS SACHITZIS" - WIG TRADE** – PERISTERI, ATTICA, GREECE

WEB DEVELOPER – 24/05/2012 – 14/07/2012

- Design, development, and maintenance of front-end and back-end functionality for websites using Joomla! CMS and CS-Cart CMS.
- Management of advertising campaigns (Google Ads, newsletters).

 **TELECOMPUTER CENTER S.A. - MARINE SOFTWARE SOLUTIONS** – PIRAEUS, ATTICA, GREECE

WEB DEVELOPER – 28/02/2011 – 29/06/2011

- Design and development of the company's website using Joomla! CMS & Adobe Flash.
- Design of a newsletter submission form.

- Basic user maintaining instructions.

EDUCATION AND TRAINING

09/2021 – 28/02/2023 Pafos, Cyprus

MSC IN INFORMATION SYSTEMS AND DIGITAL INNOVATION Neapolis University of Pafos

Final grade 95% (with honors) |

Thesis (MSc Dissertation) Study of Artificial Intelligence Methods for Sea Surface Temperature Time Series Forecasting and Application in the Northern Aegean Sea (Python, TensorFlow, Keras)

31/10/2011 – 28/02/2012 Athens, Greece

SPECIALIZATION CERTIFICATE IN JOOMLA! CMS National Technical University of Athens (e-learning)

31/03/2010 – 29/09/2010 Peristeri, Attica, Greece

INTERNSHIP TRAINING Attiko Metro Operation Company S.A

Interactive map editing using Adobe Flash CS4 to add new metro stations.

Writing of processing instructions for the interactive map using Adobe Flash CS4.

31/01/2005 – 29/09/2010 Kastoria, Greece

BSC IN INFORMATICS AND COMPUTER TECHNOLOGY Technological Educational Institute of Western Macedonia

Website development using Drupal CMS and creation of an additional custom module in PHP

(PHP, CSS, MySQL)

Thesis (Bachelor Thesis) Development of Software Modules (Module) for the Drupal CMS Content Management System

LANGUAGE SKILLS

Mother tongue(s): **GREEK**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

ADDITIONAL INFORMATION

Job-related skills

Bash script, Drupal CMS, Joomla! CMS, CS-Cart, CSS, HTML, PHP, C++, Bootstrap, XML, MySQL, JavaScript, jQuery, leaflet, cPanel, Plesk, CWP Control WebPanel, Google Analytics, Google Ads, Adobe Photoshop CS5, Inkscape, Adobe Flash CS4

Other skills

Arduino, Raspberry pi, Orange Pi, Amazon Web Services (Custom Skill Alexa), Simplify3d, Cura, Rhinoceros 3D

Driving licence

A,B