



Aspasia Mavroudi

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WORK EXPERIENCE

14/04/2019 – CURRENT Anavissos, Attica, Greece

WEB DEVELOPER INSTITUTE OF OCEANOGRAPHY, HELLENIC CENTRE FOR MARINE RESEARCH (H.C.M.R.)

- Participation in the preparation and writing of deliverables for the project "Hellenic Integrated Marine and Inland Water Observing, Forecasting, and Technology System (HIMIOFoTS)."
- Design, development, and maintenance of the website (<https://www.himiofots.gr/>) using Drupal CMS.
- Construction and maintenance of the new website for the POSEIDON system (<https://poseidon.hcmr.gr/>) using Drupal CMS.
- Contribution to the visualization of numerical forecasting model results and the development of an interactive map integrated into the new POSEIDON system website (<https://poseidon.hcmr.gr/map>) using HTML, CSS, and JavaScript.
- Creation of graphic elements and a new logo for the POSEIDON system using Photoshop and Inkscape.
- SEO optimization of the above websites for search engines.
- Development and management of a hybrid (Web - Mobile App) application for the POSEIDON system ("Progressive Web App" type, integration and development using "Trusted Web Activities" and Android Studio to create a native Android application; available on [Google Play Store](#) and [Huawei App Gallery](#)).
- Participation in the development of web-based front-end graphical interfaces using PHP, HTML, CSS, and JavaScript.
- Management of scientific geospatial data servers (THREDDS Data Server and LAS-Live Access Server) for data provision, retrieval, visualization, and post-processing using XML, NetCDF Markup Language, and Bash scripting.
- Reconstruction and participation in maintenance of the website <https://marineinsitu.eu/> using WordPress CMS.
- Contribution to workflow processes for the systematic collection, processing, and distribution of geospatial data from marine observatories to European distribution centers.

30/11/2014 – 29/06/2017 Metamorphosis, Attica, Greece

WEB DEVELOPER "ALLEGRO ABEE" - BABY/KIDS PRODUCTS TRADE

- 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, Facebook page management, Facebook contest coordination, creation and distribution of periodic email newsletters).

(Part-time)

29/12/2013 – 28/05/2014 Gerakas, Attica, Greece

SYSTEM OPERATOR MINISTRY OF TRANSPORT AND COMMUNICATIONS

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

24/05/2012 – 14/07/2012 Peristeri, Attica, Greece

WEB DEVELOPER "AGGELOS SACHITZIS" - WIG TRADE

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

31/03/2012 – 29/06/2013 Athens, Greece

WEB DEVELOPER "STOWEB" - INTERNET SERVICES COMPANY

- Development and maintenance of the front-end and back-end functionality of the company website (<http://stoweb.gr/>) 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 for tracking and analyzing website statistics.

- 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, Facebook page management, Facebook contest coordination, creation and distribution of periodic email newsletters).
- SEO strategies for optimizing search engine rankings (1st page results).
- Google Analytics integration for tracking and analyzing website statistics.

- Design and development of the company's website (<http://www.telecomputer.gr/>) using Joomla! CMS & Adobe Flash
- Design of a newsletter submission form.
- Writing of basic user instructions.

EDUCATION AND TRAINING

Final grade 95% (with distinction) |

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)

- Interactive map editing using Adobe Flash CS4 to add new metro stations.
- Writing of processing instructions for the interactive map using Adobe Flash CS4.

• 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

PROJECTS

Website Development Portfolio

Older live website samples developed in Joomla! CMS: telecomputer.gr (2011), trelozouzounia.gr (2015), allegro.com.gr (e-shop redesign in VirtueMart, 2011 & 2016).

Additional older samples of my portfolio are available at the following link.

Link <https://tinyurl.com/bbf9vvjv>

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

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

SEMINARS & WORKSHOPS

Seminars

AKTO Online Training Seminar (2021):

- *Artificial Intelligence as an Innovation Tool – Challenges, Tools, and Applications*

"ΠΟΙΩ" Maker Space Laboratory of Athens Municipality in collaboration with Technical University Of Crete and Transformable Intelligent Environments Laboratory TUC TIE LAB, 3 months (4/2019 - 7/2019):

- *Designing, programming, and digital fabrication (3D modeling, 3D printing, Arduino programming, Laser Cutting, CNC)*

AstroLab in collaboration with FabLab Athens and Athens Makerspace, 3 months (5/2018 - 8/2018):

- *Digital Fabrication Seminar (CAD-CAM, 3d software Rhino, Grasshopper, Laser Cutting, 3d printing, CNC)*

Udemy certifications of online courses (2018)

- *3D Printing Basics*
- *3D Printing Workshop*

Education Festival 2018:

- *"QUADCOPTER construction with ARDUINO platform"*
- *"Artificial Intelligence and Machine learning"*
- *"Robotics – Beyond Human Imagination"*

Remakers Project (2018):

- *"Watts & Volts / Introduction to Electronic Circuits and Automation" (manufacture of arduino parking sensor),*
- *"Woodworking / manufacture of a handmade wooden dice",*
- *"3d Printing / An introductory workshop to understand technology and create a three-dimensional model",*
- *"Precious Plastic Lab / Processing of plastics into usable products with specially designed machines".*

Start Project (2018):

- *"Fundamentals 3D Printing".*

Tech Talent School (2018):

- *"WordPress: Introduction to Content Management",*
- *"How To Create And Customize a WordPress Child Theme",*
- *"PHP for Beginners. An Introduction to Modern Programming with PHP",*
- *"HTML5 for Beginners".*

Grow Greek Tourism Online (2017):

- *Certificate in Online Marketing Fundamentals in Tourism*

AKTO (2011):

- *Certificate in Photoshop, Illustrator and InDesign.*

Future Business School (2011):

- *Social Media & Internet advertising.*

HOBBIES AND INTERESTS

Creative Projects

Showcased at <https://bit.ly/2rtveDn>:

- *Construction of a Greek coffee maker: 3D design, 3D printing, laser cutting wood components, programming, WiFi connectivity, and voice control app development (2019)*
- *Assembly of a 3D printer, creation of printer furniture and enclosure, installation of "OctoPrint" for remote management. (2016-2018)*
- *ΣAssembly of a small Arduino robot, 3D-printed body, and development of an Android app for manual and voice control. (2016)*
- *Design and 3D printing of a business logo. (2017)*
- *Construction of a WiFi Lamp. (2017)*
- *Installation of Amazon Alexa virtual assistant on Orange Pi (similar to Raspberry Pi) and development of a custom Skill for remote WiFi Lamp control. (2017)*