

TERZIS PANAGIOTIS

WEB GIS DEVELOPER

EMPLOYMENT

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| Today | Software Engineer at EDINA, University of Edinburgh. Responsible for the maintenance of the UKBorders service and for various projects such as Thematic Mapper, Cartogrammar, MapStream. |
| 6/2011 | GIS Consultant at Edinburgh Research and Innovation, University of Edinburgh. In this role I am responsible for all stages of development of the official Placename Gazetteer for Scotland, according to INSPIRE requirements. |
| 1/2011 | Web developer / GIS Technician in Katagramma. Responsible for various websites mainly built on Joomla CMS and for recording all the forest roads for the Prefecture of Korinthia, Greece in order to build local maps for the fire department. |
| 8/2009 | Compulsory military service within the Greek army. |
| 3/2009 | Front-End web developer in Katagramma. Teacher in the prefecture of Korinthias, Greece demonstrating and promoting broadband services and the advantages of fast Internet. |
| 2/2008 | |
| 1/2007 | |

EDUCATION

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| 2010 | Master of Science in Geographical Information Systems, University of Edinburgh (1 year). |
| 2008 | Distance learning seminar in GIS, National Technical University of Athens (6 months). |
| 2007 | BSc in Applied Mathematics and Physics, National Technical University of Athens. (5 year degree) Grade: 7.65/10 |
| 2001 | High school of Velo, Korinthias. Grade: 18.5/20 |
| 1998 | |

Contact Details:

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PROJECTS

Fieldtrip GB

Authoring tool provides a web application for the generation of forms for many kinds of mobile data collection projects. The application is using the dropbox SDK for synchronizing the result with the personal dropbox account of the user. (jQuery, HTML5, Python)

Cartogrammar

is a web service with which you can create a cartogram by uploading a shapefile. An API is also provided for developers and a widget for simple users that want to embed the cartogram generator at their website. (PostgreSQL, Python, Django, Celery, Java)

LocateIt

is a web map service with which you can map Points of Interest (POI), categorize them, evaluate them, comment them and connect them with social media, images, videos and panoramic photos. Compatible with tablets and mobile devices. (Openlayers API, jQuery, jQuery Mobile, PHP, PostGIS)

Thematic Mapper

is a web service for creating thematic maps on the web. The user uploads a CSV, which he connects it to the UKBorders and OpenBoundaries datasets and he can create thematic maps with the attribute he selects. (Openlayers API, jQuery, Mapserver, GeoTools)

Placename Layer for Scotland

The work was the integration of two existing Gazetteers, which included tasks such as string comparisons and distance calculations for finding potential duplicates, the creation of an intranet application that was used for editing and correcting the loaded data by having as a base layer the historic maps of Scotland. (Perl, Bing Maps API, Google Maps API, jQuery, Oracle).

* For more projects please visit my personal website
<http://pterzis.gr>

SKILLS

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| Operating Systems | Programming Languages |
| Microsoft Windows 7/XP, unix, Ubuntu Linux. | PHP, PERL, ACTIONSCRIPT 2, JAVA, Python |
| Software | Web programming |
| Microsoft Word, Excel, Adobe Photoshop CS4, INDesign CS4, Flash CS4, ESRI ArcGIS, ERDAS Imagine (Introductory) | HTML 4/5, CSS2, CSS3, JAVASCRIPT, XML, KML, SVG. |
| Web Mapping API | Javascript Frameworks |
| Google Maps API v. 3, Openlayers API, Leafletjs | JQuery, Ext4js |
| Databases | Languages |
| MySQL, Oracle, PostgreSQL, PostGIS. | Greek: Native language English: Fluent written and spoken German: Elementary level |

ACADEMIC RESEARCH - EXPERIMENTAL EXPERIENCE

Publications:

1. Laser annealing of Al implanted silicon carbide: Structural and optical characterization, C. Boutopoulos a, P. Terzis a,b, I. Zergioti a,*, A.G. Kontos a, K. Zekentes b, K. Giannakopoulos c, Y.S. Raptis a, Applied Surface Science 253 7912-7916 (2007)
2. Laser annealing of implanted Silicon Carbide and Raman Characterization, I. Zergioti*, A.G. Kontos, K. Zekentes, C. Boutopoulos, P. Terzis, Y.S. Raptis, Proceedings of SPIE -- Volume 6261 High-Power Laser Ablation VI, Claude R. Phipps, Editor, 626135 (Jun. 7, 2006)

Conferences:

1. "Comparison of structure and properties of femtosecond and nanosecond UV laser annealing of implanted Silicon Carbide", P. Terzis, G. Papadimitriou, I. Zergioti, K. Zekentes, E. Fogarassy, poster presentation, E-MRS Symposium P, 28 May – 1 June 2007, Strasbourg France.
2. Laser annealing of 4H-SiC implanted layers, P. Terzis, I. Zergioti, K. Zekentes, international workshop for young researchers Hetech 06

AWARDS

Scholarship of Onassis foundation for postgraduate studies in GIS in the University of Edinburgh (2009-2010)