

Eleni Charalampous

Sourgiadaki 8-10
713 06 Heraklion, Crete, Greece
☎ +30 694 8510515
✉ elinachar@gmail.com
🌐 elinacharalampous.gr



Personal Information

Date of Birth March 31, 1988
Citizenship Greek
Marital Status Living common law
Children Two

Education

- 2018 **Full-Stack Web Development Certificate**, *CareerFoundry*, Mentored Online Courses.
6 month part-time online full-stack web development courses with acquired knowledge in HTML, CSS, JavaScript, jQuery, Ruby, Ruby on Rails and Bootstrap.
- 2012– 2015 **MSc in Geomatic Engineering and Planning**, *Department of Civil, Environmental and Geomatic Engineering*, ETH Zürich, Switzerland.
Master Thesis: Analysis of regional ionospheric effects by GNSS. | Supervisor: Prof. Alain Geiger
- 2005–2011 **Diploma in Civil Engineering**, *School of Engineering*, University of Patras, Greece.
GPA – 7.22/10 (among 7.5% best of the graduate students of the Dept. of Civil Engineering of Patras University for the year 2011)
Diploma Thesis: Experimental–Analytical study in the accuracy of GPS for the monitor of vertical, quasi-static displacements with small amplitude | Supervisor: Prof. Stiros Stathis
- 2002–2005 **Secondary School Diploma**, *4th High School of Kalamata*, Greece.
GPA – 19/20 (Excellent)

Vocational Experience

- Sep. 2017 – present **Owner of E. Charalampous GeomaticsIT Ltd.**, *Programming Development and Geomatic Engineering Services*, Heraklion, Crete, Greece.
Freelance Software Developer and Data Analyst for terra vermessungen ag, Zurich, Switzerland.
Freelance Web Developer:
Personal website: elinacharalampous.gr
Professional photographer website: theofilosvenardos.com
Professional pilates studio website: pilatesstudioaskisi.gr
- Feb. 2017– Sep. 2017 **Maternity Leave**, Heraklion, Crete, Greece.
- Mar. 2015 – Jan. 2017 **Software Developer and Project Manager in Surveying Engineering Applications**, *terra vermessungen ag*, Zurich & Othmarsingen, Switzerland.
Develop of software for railway monitoring using inclinometer sensors.
Support automatic monitoring systems.

- Aug. 2013 – Jan. 2015 **Academic Auxiliary Assistance**, *ETH Zürich*, Switzerland.
 Under the supervision of Prof. Alain Geiger:
 Working on the lecture scripts of professor A. Geiger.
 Participation in experiments with QDaedalus system.
- Feb.–Aug. 2014 **Internship**, *terra vermessungen ag*, Zurich, Switzerland.
 Practical experience and data processing with tachymeter, digital and optical level, GPS, LASER scanner and inclinometer.
 Develop of pieces of software in python for the purposes of terra vermessungen ag.
- Jan.–Aug. 2012 **Training**, *Spyridon Katsareas Corporation*, Independent Surveyor Engineer, Kalamata, Greece.
 Land geodetic surveys and cadastral in the region of Messinia, Greece.

Publications

- 2013 **E. Charalampous**, S. Guillaume, P. Psimoulis, M. Spiridonakos, R. Klis, B. Břřrki, M. Rothacher, E. Chatzi, R. Luchsinger, C. Galliot, L. Gauthier (2013), "*Measuring sub-mm structure displacements using QDaedalus: a digital clip-on measuring system developed for Total Stations*", Proc. of 2nd Joint International Symposium on Deformation Monitoring, Nottingham, UK, 9 -11 September, 2013.
- 2010 Ioanna Avramopoulou, **Eleni Charalampous** (2010), "*Seismic Retrofit Of Concrete Buldings Using Friction Dampers*", Association of Civil Engineers from Greece, Vol. 385, p.p. 32-39.

Computer skills

- Advanced Python, MATLAB, Mac OS X, Microsoft Windows, Microsoft Office
- Intermediate HTML, CSS, Javascript, jQuery, Bootstrap, Ruby, Ruby on Rails, SQL, Git, L^AT_EX, AutoCAD
- Basic Django, Fortran 90, Adobe Photoshop

Languages

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|---------|---------------------|-------------------------------|
| Greek | Mothertongue | |
| English | Excelent | 107/120 TOEFL iBT (2012) |
| German | Intermediate | Goethe - Zertifikat B2 (2008) |
| Chinese | Basic | Basic words and phrases only |

Interests

- | | | |
|------------|----------|------------------|
| - Cycling | - Baking | - Yoga |
| - Knitting | - Tango | - Jigsaw Puzzles |